



Aftersales Catalogue

Keeping milking efficient and profitable

August 2020



Smart milking and
cooling solutions

Fullwood
 **Packo**

Fullwood Packo: a fresh approach

Our Aftersales solutions ensure effective maintenance and flexibility. We're here to keep our farmers working successfully, long after purchase.

Conventional Milking

From the latest rapid exit or rotary system, to the more traditional Herringbone, Fullwood Packo's conventional milking systems are renowned all over the world for their cow-first design and robust manufacture.

Robotic Milking

By building our robots around cow comfort, Fullwood Packo have delivered safe and efficient robotic milking for ambitious dairy farms. This has resulted in Fullwood Packo's M²erlin the 100% automated milking solution for optimum productivity.

Cooling

For over 50 years, Fullwood Packo have produced milk cooling solutions for over 80 countries, ranging in size from family-run dairy farms to mega-farms. Our cooling solutions keep every drop of milk safe and secure, while maintaining its quality.

Herd Management

Fullwood Packo's bespoke software options make improved herd management and smarter business decisions just one click away.

To place an Aftersales order:

Please contact our Customer Support team on customersupport-uk@fullwoodpacko.com, we will be happy to help.



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Liners & Clusters



QA23 DSO Cow Liners (square profile) & Shells

Fullwood pt#

- 120282** QA23 Directional shut off liner - Square Liner with large bore milk tube, 23mm Hood Aperture, 10.5mm id MT. Only for use with CF14 claws 021780, 021781, 021790 & 021791 (see CF14 claw section for details)



- 020147** Shell Kit Medium weight 265g for FL21, FL7, FL10 & QA23 liners. Comprising 007651 O-ring, 020149 Shell end & 020148 Shell piece (see Cow Shells section for details) PRICED EACH, SOLD IN MULTIPLES OF 4



- 020180** Shell Kit Heavy weight 288g for FL21, FL7, FL10 & QA23 Liners. Comprising 007651 O-ring, 020161 Shell end & 020159 Shell piece (see Cow Shells section for details) PRICED EACH, SOLD IN MULTIPLES OF 4



- 020007** Shell light weight complete stainless steel 200g d25 for FL & QA liners



- 020006** Shell medium weight complete stainless steel 240g d25 for FL & QA liners

See image above

QA23s DSO Cow Liners (square profile) & Shells

Fullwood pt#

- 120283** QA23s Directional shut off (DSO) liner - Square profile with smaller milk tube suitable for use with Clearflow QX claws, 23mm Hood Aperture, 9.5mm id MT



- 020147** Shell Kit Medium weight 265g for FL21, FL7, FL10 & QA23 liners. Comprising 007651 O-ring, 020149 Shell end & 020148 Shell piece (see Cow Shells section for details) PRICED EACH, SOLD IN MULTIPLES OF 4



- 020180** Shell Kit Heavy weight 288g for FL21, FL7, FL10 & QA23 Liners. Comprising 007651 O-ring, 020161 Shell end & 020159 Shell piece (see Cow Shells section for details) PRICED EACH, SOLD IN MULTIPLES OF 4



- 020007** Shell light weight complete stainless steel 200g d25 for FL & QA liners



- 020006** Shell medium weight complete stainless steel 240g d25 for FL & QA liners

See image above

- 011347** QA23s DSO Liner & Shell End Kit to convert from SL shells - sold as a set of 4. Comprising 4x120283 QA23s liners, 4x020161 shell ends & 8 x 007651 O-rings



- 011339** QA23s DSO Liner & 200ss Shell Kit - sold as a set of 4. Comprising 4x120283 QA23s liners & 4x020007 200g SS shell



SL Cow Liners & Shells

Fullwood pt#

020227	Liner SL1 CTS 22.5mm Hood Aperture 8.25mm id MT	
020182	Liner SL1 CTS WT 22.5mm Hood Aperture 10mm id MT	
020215	Liner SL1 CTW 25.5mm Hood Aperture 10mm id MT	
020138	Liner SL2 CTF WT 22.5mm Hood Aperture 10mm id MT	
020137	Liner SL2 CTF 22.5mm Hood Aperture 8.25mm id MT	
020134	Liner SL2 CT 22mm Hood Aperture 8.25mm id MT	
020008	Shell complete stainless steel 240g for SL type liners	
020009	Shell complete stainless steel 320g for SL type liners	
020033	Shell Kit SL 285g - Type suits all SL1 & SL2 Liners. Comprising 007651 O-ring, 020158 Shell end & 020159 Shell piece (see Cow Shells section for details) PRICED EACH, SOLD IN MULTIPLES OF 4	
020028	Shell kit SL light 203g PRICED AND SOLD AS EACH	

SL 2-piece Cow Liners & Shells

Fullwood pt#

020125 Liner SL1 25.5mm Hood Aperture (2 piece)**020122** Liner SL2 22mm Hood Aperture (2 piece)**020033** Shell Kit SL 285g - Type suits all SL1 & SL2 Liners. Comprising 007651 O-ring, 020158 Shell end & 020159 Shell piece (see Cow Shells section for details) PRICED EACH, SOLD IN MULTIPLES OF 4**020208** SL Liner Sight Glass (8mm ID Outlet)**020209** SL Liner Sight Glass (11mm ID Outlet)

FL21, FL7 & FL10 Cow Liners & Shells

Fullwood pt#

120299 FL21 Directional shut off liner - 20.75mm Hood Aperture, 10.5mm id MT**020146** Liner FL7S 20.5mm Hood Aperture, 8.25mm id MT**020169** Liner FL7SWT 20.75mm Hood Aperture, 9.5mm id MT

continuation of previous page

Fullwood pt#

020168	Liner FL7WWT 22.5mm Hood Aperture, 9.5mm id MT	
020167	Liner FL7W 22.5mm Hood Aperture, 8.25mm id MT	
020198	Liner FL10S 20.75mm Hood Aperture, 12mm id MT	
020154	Liner FL10W 22.5mm Hood Aperture, 12mm id MT	
020032	Shell Kit Light weight 196g for FL21, FL7 & FL10 Liners. Comprising 007651 O-ring, 020149 Shell end & 020029 Shell piece (see Cow Shells section for details) PRICED EACH, SOLD IN MULTIPLES OF 4	
020147	Shell Kit Medium weight 265g for FL21, FL7, FL10 & QA23 liners. Comprising 007651 O-ring, 020149 Shell end & 020148 Shell piece (see Cow Shells section for details) PRICED EACH, SOLD IN MULTIPLES OF 4	
020180	Shell Kit Heavy weight 288g for FL21, FL7, FL10 & QA23 Liners. Comprising 007651 O-ring, 020161 Shell end & 020159 Shell piece (see Cow Shells section for details) PRICED EACH, SOLD IN MULTIPLES OF 4	
020007	Shell light weight complete stainless steel 200g d25 for FL & QA liners	
020006	Shell medium weight complete stainless steel 240g d25 for FL & QA liners	See image above

FL12 Cow Liners & Shells

Fullwood pt#

020163	Liner FL12 20mm Hood Aperture 9.5mm id MT	
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Fullwood pt#

020280 Liner FL12 XF 20mm Hood Aperture 11.5 mm id MT. OBSOLETE - LIMITED STOCK AVAILABLE



020181 Shell Kit 269g for FL12. Comprising 007651 O-ring, 020157 Shell end & 020148 Shell piece (see Cow Shells section for details) PRICED EACH, SOLD IN MULTIPLES OF 4



FL8 Cow Liners

Fullwood pt#

020155 Liner FL8 23mm Hood Aperture 8.25 id MT



Fullflow Cow Liners

Fullwood pt#

020114 Liner Fullflow 21.25mm Hood Aperture 8.25mm id MT



Hosier Cow Liners

Fullwood pt#

057854 Liner hosier type
Warning - end of life item



Liner accessories

Fullwood pt#

020400 Liner assembly tool U 29 type



continuation of previous page

Fullwood pt#

020406 Liner teat cup plug serrated edge type**020407** Liner teat cup plug - ISO standard**115778** Liner Removal Tool

Cow Shells

Fullwood pt#

020033 Shell Kit SL 285g - Type suits all SL1 & SL2 Liners. Comprising 007651 O-ring, 020158 Shell end & 020159 Shell piece (see Cow Shells section for details) PRICED EACH, SOLD IN MULTIPLES OF 4



020032 Shell Kit Light weight 196g for FL21, FL7 & FL10 Liners. Comprising 007651 O-ring, 020149 Shell end & 020029 Shell piece (see Cow Shells section for details) PRICED EACH, SOLD IN MULTIPLES OF 4



020147 Shell Kit Medium weight 265g for FL21, FL7, FL10 & QA23 liners. Comprising 007651 O-ring, 020149 Shell end & 020148 Shell piece (see Cow Shells section for details) PRICED EACH, SOLD IN MULTIPLES OF 4



020180 Shell Kit Heavy weight 288g for FL21, FL7, FL10 & QA23 Liners. Comprising 007651 O-ring, 020161 Shell end & 020159 Shell piece (see Cow Shells section for details) PRICED EACH, SOLD IN MULTIPLES OF 4



020181 Shell Kit 269g for FL12. Comprising 007651 O-ring, 020157 Shell end & 020148 Shell piece (see Cow Shells section for details) PRICED EACH, SOLD IN MULTIPLES OF 4



020009 Shell complete stainless steel 320g for SL type liners



020008 Shell complete stainless steel 240g for SL type liners



020007 Shell light weight complete stainless steel 200g d25 for FL & QA liners



020006 Shell medium weight complete stainless steel 240g d25 for FL & QA liners

See image above

Cow Shell Components

Fullwood pt#

020029 Shell Piece for FL7 & FL10 type liners light weight for kit 020032



020148 Shell piece for FL & QA type liners medium weight in shell kit 020147 & 020181



020159 Shell piece for SL, FL & QA type liners heavy weight in shell kit 020033 & 020180



020149 Shell End 25mm orifice for shell kits 020032 & 020147



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Fullwood pt#

020157 Shell End 20mm orifice for FL12 liners for shell kit 020181**020158** Shell End 29.3mm orifice for SL liners for shell kit 020033**020161** Shell End 25mm orifice for FL7, FL10 & QA23 liners for shell kit 020180**007651** O-ring for Shell end kits 020033, 020230, 020032, 020147, 020180, 020181. 2 per shell**020115** Shell Adaptor Plug SL1 & SL2 Liners

Sight Glasses

Fullwood pt#

020200 Sight Glass U11s**020204** Sight Glass U11 SL 2/3**020208** SL Liner Sight Glass (8mm ID Outlet)

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Fullwood pt#

020209 SL Liner Sight Glass (11mm ID Outlet)



Clearflow QX Clusters

Fullwood pt#

- 011855** Clearflow QX Cluster SL2CTF WT liner kit with shut off, 12mm nipples. Comprising 4 x 020138, 4 x 020033, 4 x 022115, 1 x 021756



- 011795** Clearflow QX Cluster SL2CTF WT liner kit less shut off lightweight shells, 12mm nipples. Comprising 4 x 020138, 4 x 020028, 4 x 022115, 1 x 021757

See image above

- 011947** Clearflow QX Cluster SL2CTF WT liner Kit with shut off Complete stainless steel shells 320g, 12mm nipples. Comprising 4 x 020138, 4 x 020009, 4 x 022115, 1 x 021756



- 011946** Clearflow QX Cluster SL2CTF WT liner Kit with shut off Complete stainless steel shells 240g, 12mm nipples. Comprising 4 x 020138, 4 x 020008, 4 x 022115, 1 x 021756

See image above

- 011815** Clearflow QX Cluster FL7S WT liner kit with shut off, 12mm nipples. Comprising 4 x 020169, 4 x 020032, 4 x 022115, 1 x 021756



- 011335** Clearflow QX Cluster kit with shut off with QA23s DSO liner, complete stainless steel shells 200g, 12mm nipples. Cluster weight approx 2kg. Comprising 4 x 120283, 4 x 020007, 4 x 022115, 1 x 021756



- 011337** Clearflow QX Cluster kit less shut off with QA23s liner, complete stainless steel shells 200g, 12mm nipples. Cluster weight approx 2kg. Comprising 4 x 120283, 4 x 020007, 4 x 022115, 1 x 021757

See image above

- 011336** Clearflow QX Cluster kit with shut off with QA23s liner, complete stainless steel shells 240g, 12mm nipples. Cluster weight approx 2.16kg. Comprising 4 x 120283, 4 x 020006, 4 x 022115, 1 x 021756

See image above

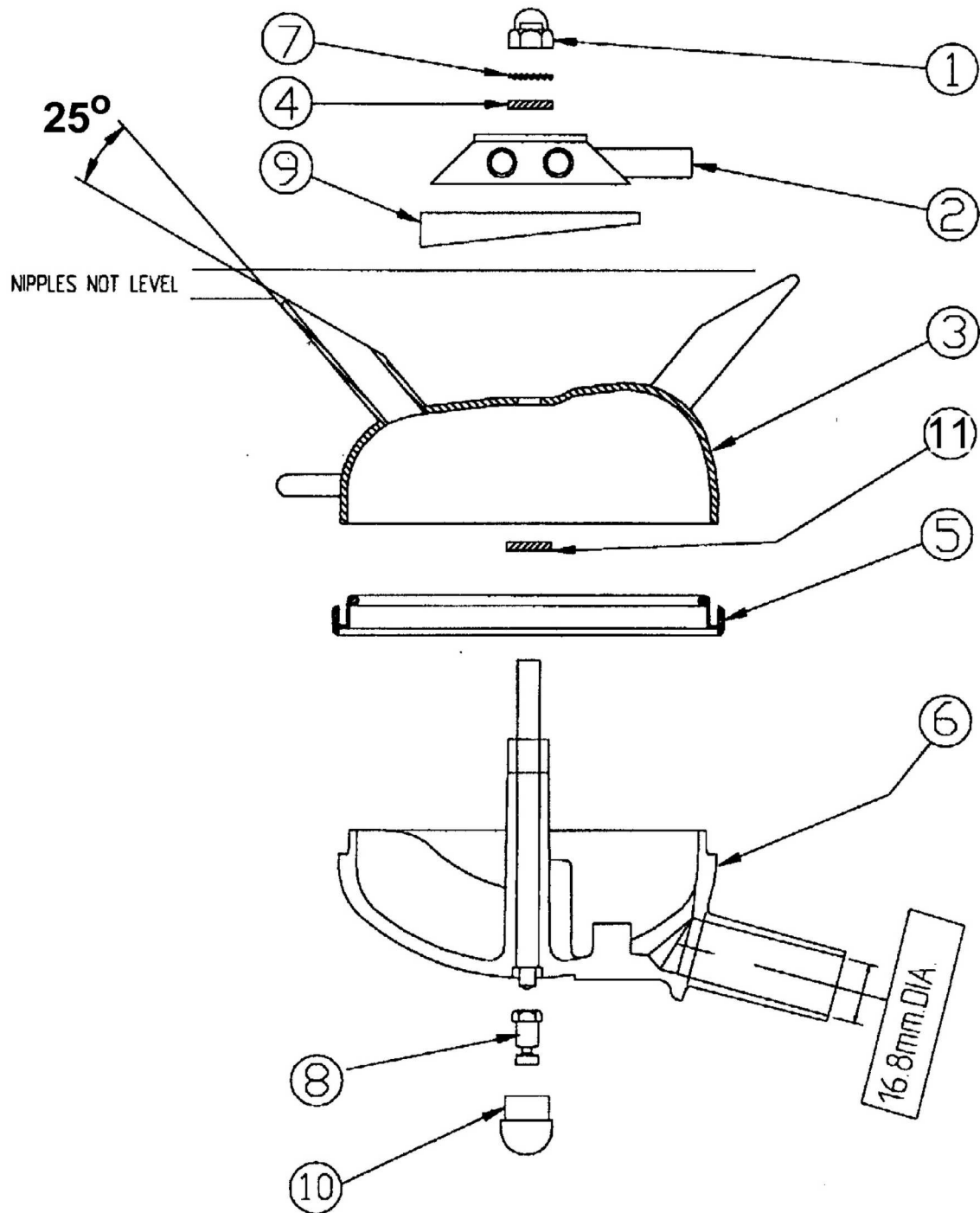
- 011338** Clearflow QX Cluster kit less shut off with QA23s liner, complete stainless steel shells 240g, 12mm nipples. Cluster weight approx 2.16kg. Comprising 4 x 120283, 4 x 020006, 4 x 022115, 1 x 021757

See image above

Clearflow QX Claws

Fullwood pt#

021756 Claw Clearflow QX with shut off with square nipples, 12mm nipples**021757** Claw Clearflow QX less shut off with square nipples, 12mm nipples**021753** Claw Clearflow QX with shut off with angled nipples, 12mm nipples**021754** Claw Clearflow QX less shut off with angled nipples, 12mm nipples

Clearflow QX Claw (Less Shut Off) Diagram

Clearflow QX Claw (less shut off) parts listing

Fullwood pt#

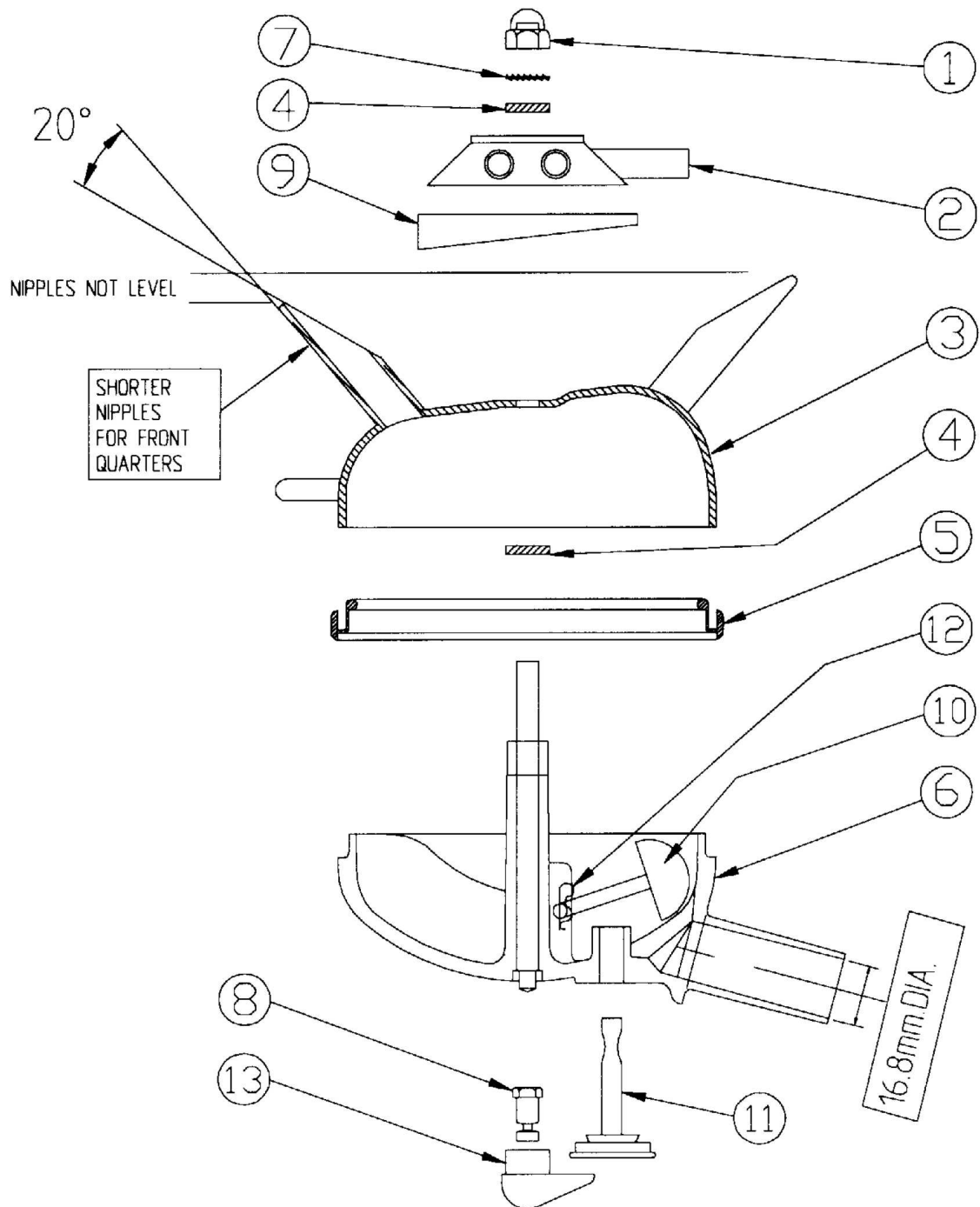
001118	Nut domed type stainless steel M6 for Clearflow claw base (Diagram Item 1)	
021516	Pulse block - alternate for Clearflow claw (Diagram Item 2) Diamond/Freeway (Diagram Item 5)	
021554	Pulse block - simultaneous for Clearflow claw (Diagram Item 2) Diamond/Freeway (Diagram Item 5)	
021645	Clearflow claw domed stainless bowl assembly angled nipples (Diagram Item 3)	
021755	Clearflow claw domed stainless bowl assembly standard square nipples (alt to Diagram Item 3)	
001684	M6 Nylon Washer 1.6mm thick (Diagram Item 4)	
021740	Gasket for Clearflow QX claw bowl mkIII (Diagram Item 5)	
021748	Clear Bowl Clearflow less shut off dome base long spindle (Diagram Item 6)	
079739	Claw Bowl Clearflow less shut off for backflush system (alt to Diagram Item 6)	

continuation of previous page

Fullwood pt#

079741	Clearflow QX Claw SS keyring for backflush system	
001736	M6 SS Clearflow shakeproof washer for claw domed nut (Diagram Item 7)	
021633	Claw Clearflow pivot nut for lock cap on shut off claws (Diagram Item 8)	
021643	Wedge spacer (Diagram Item 9)	
021533	Nut pivot cap Clearflow claw less shut off (Diagram Item 10)	
021644	Claw Clearflow less shut off nylon washer 0.7mm thick (Diagram Item 11)	
021764	Clearflow less shut off Service Kit including 1 x 021740 gasket, 1 x 021644 washer, 1 x 021533 pivot cap, 2 x 001684 washer, 1 x 001736 ss washer	
021747	Claw Bowl Clearflow conical type less shut off short spindle suitable for flat base Clearflow claw	

Clearflow QX Claw (With Shut Off) Diagram



Clearflow QX Claw (with shut off) parts listing

Fullwood pt#

001118 Nut domed type stainless steel M6 for Clearflow claw base (Diagram Item 1)**021516** Pulse block - alternate for Clearflow claw (Diagram Item 2) Diamond/Freeway (Diagram Item 5)**021554** Pulse block - simultaneous for Clearflow claw (Diagram Item 2) Diamond/Freeway (Diagram Item 5)**021645** Clearflow claw domed stainless bowl assembly angled nipples (Diagram Item 3)**021755** Clearflow claw domed stainless bowl assembly standard square nipples (alt to Diagram Item 3)**001684** M6 Nylon Washer 1.6mm thick (Diagram Item 4)**021740** Gasket for Clearflow QX claw bowl mkIII (Diagram Item 5)**021746** Claw Bowl Clearflow transparent with shut off, dome base with long spindle (Diagram Item 6)**021742** Claw Bowl Clearflow Transparent including hole with long spindle (Diagram Item 6)

continuation of previous page

Fullwood pt#

021745 Claw Bowl Clearflow for obsolete claws conical base with shut off and short spindle (alt to Diagram Item 6)



021677 Claw Bowl Clearflow for obsolete claws with shut off and extra long spindle to suit domed base (Ireland) (alt to Diagram Item 6)



001736 M6 SS Clearflow shakeproof washer for claw domed nut (Diagram Item 7)



021633 Claw Clearflow pivot nut for lock cap on shut off claws (Diagram Item 8)



021643 Wedge spacer (Diagram Item 9)



021501 Claw Clearflow internal shut off assembly for shut off claws (Diagram Item 10)



021514 Claw Clearflow operating plunger (Diagram Item 11)



002933 Claw Clearflow Retaining "R" Clip (Diagram Item 12)



021502 Claw Clearflow lock open cap (Diagram Item 13)



continuation of previous page

Fullwood pt#

079741 Clearflow QX Claw SS keyring for backflush system**021763** Clearflow with shut off Service Kit including 1 x 021740 gasket, 1 x 021644 washer, 1 x 021502 lock open cap, 2 x 001684 washer, 1 x 001736 ss washer

CF14 Clusters

Fullwood pt#

011333	CF14 Cluster less shut off combines the lighter claw with heavy weight shells, 14mm nipples. Cluster weight approx 2.37kg. Comprising 4 x 120282, 4 x 020180, 4 x 022115, 1 x 021781	
011332	CF14 S Cluster with shut off combines the lighter claw with heavy weight shells, 14mm nipples. Cluster weight approx 2.37kg. Comprising 4 x 120282, 4 x 020180, 4 x 022115, 1 x 021780	
011349	CF14 S Cluster less shut off combines the lighter claw with medium weight shells, 14mm nipples. Cluster wt approx 2.16kg. Comprising 4 x 120282 QA23 liner, 4 x 020006 240ss shell, 4 x 022115, 1 x 021781	
011334	CF14 S Cluster with shut off combines the lighter claw with medium weight shells, 14mm nipples. Cluster wt approx 2.16kg. Comprising 4 x 120282 QA23 liner, 4 x 020006 240ss shell, 4 x 022115, 1 x 021780	
011348	CF14 Cluster less shut off combines the lighter claw with light weight shells, 14mm nipples. Cluster wt approx 2kg. Comprising 4 x 120282 QA23 liner, 4 x 020007 200ss shell, 4 x 022115, 1 x 021781	
011329	CF14 S Cluster with shut off combines the lighter claw with light weight shells, 14mm nipples. Cluster wt approx 2kg. Comprising 4 x 120282 QA23 liner, 4 x 020007 200ss shell, 4 x 022115, 1 x 021780	

See image above

See image above

See image above

CF14 Claw

Fullwood pt#

021780	CF14 S Clearflow Claw 14mm nipples, with shut off, alternate pulsation	
021781	CF14 Clearflow Claw 14mm nipples, less shut off, alternate pulsation	

Hi Flo Clusters

Fullwood pt#

- 011331** Hi Flo CF14 HD Cluster combines heavier claw with medium weight shells, 14mm nipples. Cluster wt approx 2.45kg. Comprising 4x 120282, 4x 020147, 4x 022115, 1x 021791. Replacement SS Jetset Cluster Hook, part no 053105 required for use with this cluster.



- 011330** Hi Flo CF14 HDS Cluster combines heavier claw with medium weight shells, 14mm nipples. Cluster wt approx 2.45kg. Comprising 4x 120282, 4x 020147, 4x 022115, 1x 021790. Replacement SS Jetset Cluster Hook, part no 053105 required for use with this cluster.

See image above

- 011964** Hi Flo Cluster with FL10S liner kit less shut off light shell comprising 021791 CF14HD Claw, 020198 FL10S liner, 022115 tube, 020032 FL7 shell kit - light

See image above

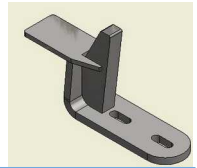
- 011960** Hi Flo Cluster with FL10S liner kit with shut off light shell comprising 021790 CF14HDS Claw, 020198 FL10S liner, 022115 tube, 020032 FL7 shell kit - light

See image above

- 011949** Hi Flo Cluster with FL10S liner kit with shut off medium shell comprising 021790 CF14HDS Claw, 020198 FL10S liner, 022115 tube, 020147 FL7 shell kit - medium

See image above

- 053105** Substitute Jet Set Cluster Hook for use with CF14 HD & CF14 HDS Claws



Hi Flo Claws

Fullwood pt#

- 021790** CF14 HDS - Clearflow Claw 14mm nipples, Heavy Duty, Shut off version



- 021791** CF14 HD - Clearflow Claw 14mm nipples, Heavy Duty, less Shut off



Diamond 300 Cluster

Fullwood pt#

011343 Diamond 300 Cluster SL2CTFWT with 320g stainless steel shells. Comprising 4 x 020138, 1 x 021720, 4 x 022115, 4 x 020009

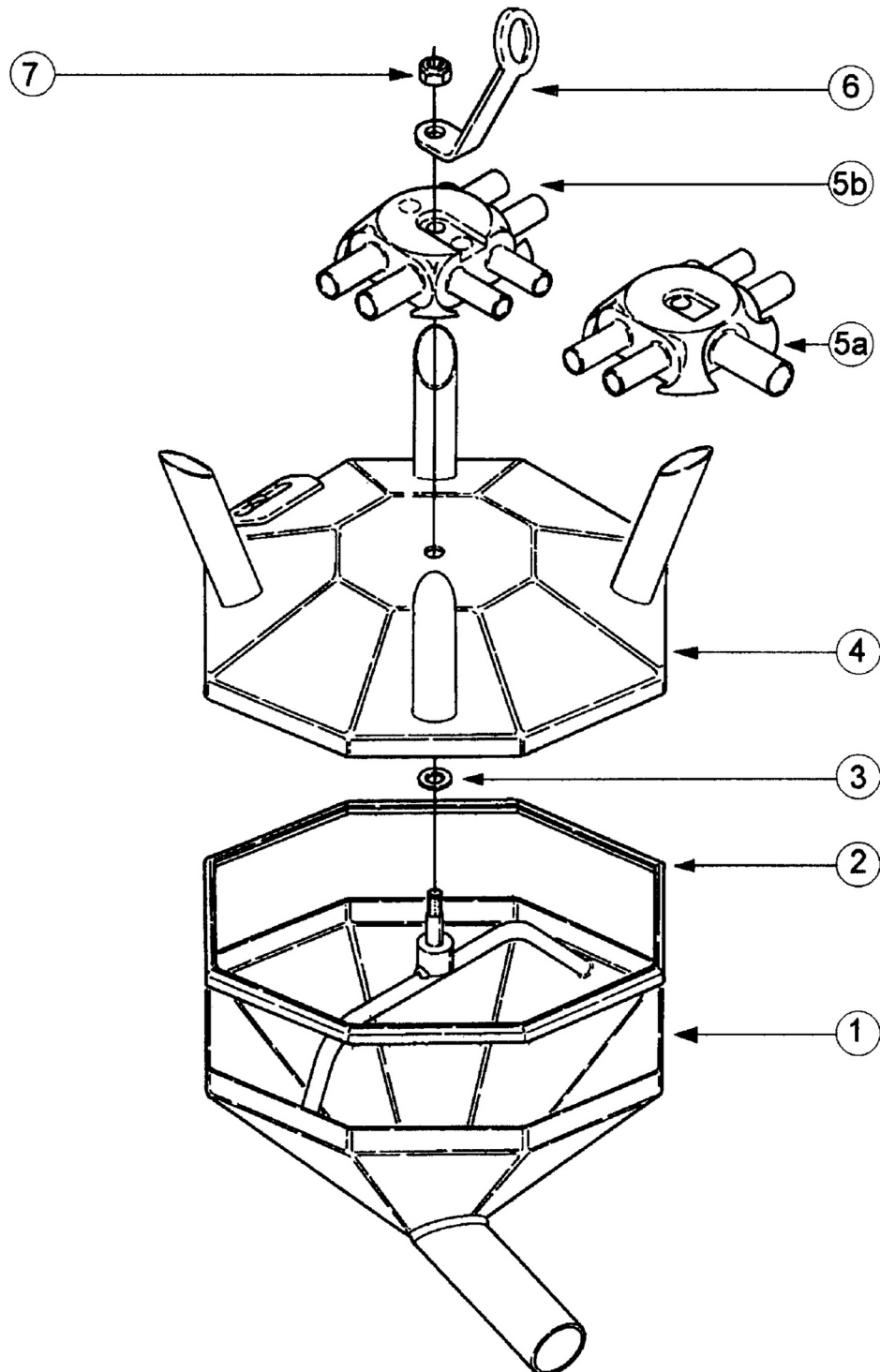


011346 Diamond 300 Cluster SL2CTFWT with 240g stainless steel shells. Comprising 4 x 020138, 1 x 021720, 4 x 022115, 4 x 020008

See image above

011856 Diamond 300 Cluster SL2CTFWT liner kit. Comprising 4 x 020138, 4 x 020033, 1 x 021720, 4 x 022115, 1 x 024002



Diamond 300 Claw Diagram

Diamond 300 Claw parts listing

Fullwood pt#

021736 Diamond 300 Claw bottom Stainless steel (Diagram Item 1)

021734 Diamond 300 Claw Gasket (Diagram Item 2)



021735 Diamond 300 Claw Sealing Washer (Diagram Item 3)



021737 Diamond 300 Claw Top Stainless steel (Diagram Item 4)



021516 Pulse block - alternate for Clearflow claw (Diagram Item 2) Diamond/Freeway (Diagram Item 5)



021554 Pulse block - simultaneous for Clearflow claw (Diagram Item 2) Diamond/Freeway (Diagram Item 5)



021566 ACR Cluster hook assembly (long)(Diagram Item 6)



001158 M6 Nyloc Nut Stainless Steel (Diagram Item 7)

Diamond Claw

Fullwood pt#

021720 Diamond 300 claw alt & sim with angled nipples

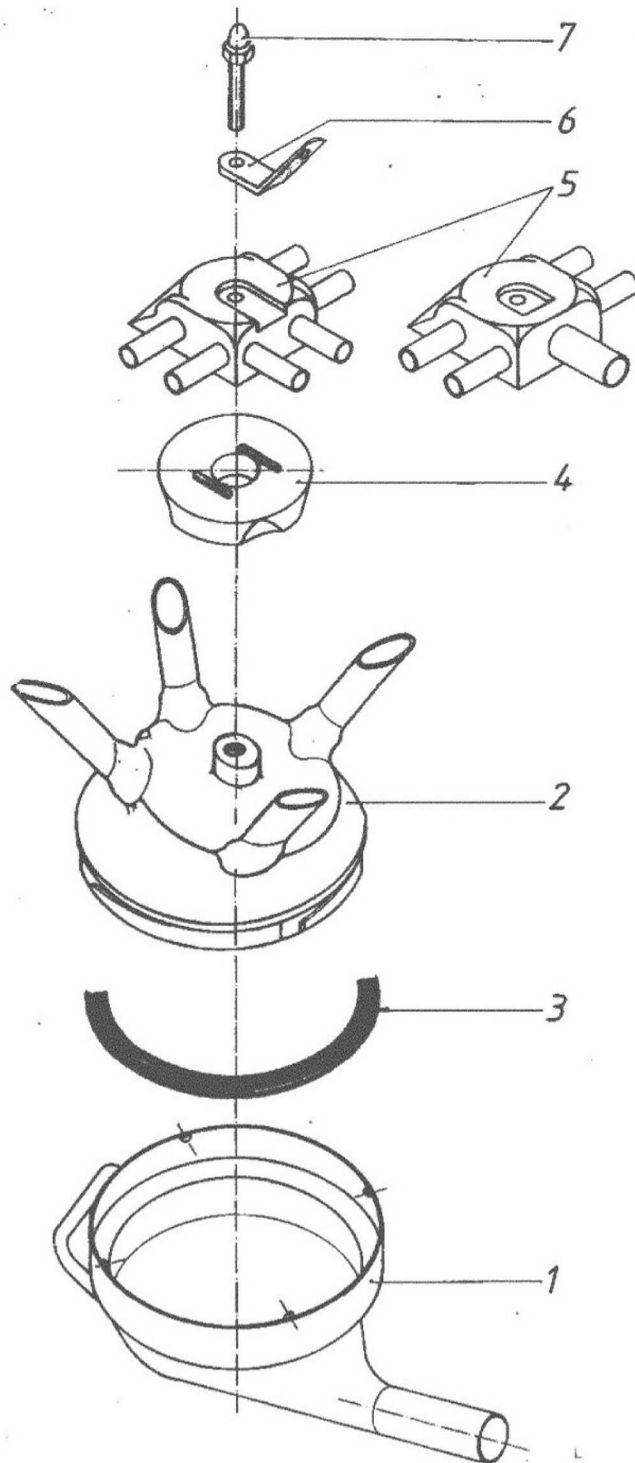


Diamond 500 Claw Parts

Fullwood pt#

021725 Diamond 500 Transparent bowl without shut off**021726** Diamond 500 Transparent bowl with shut off**021727** Diamond 500 Claw Bowl seal**021729** Diamond 500 Claw Rubber Lock

Freeway Claw Diagram



Freeway Claw parts listing

Fullwood pt#

021111 Complete Freeway Claw with angled nipples for side milking**021114** Freeway Claw transparent top part with straight nipples for side milking (Diagram Item 2)**021105** Freeway Claw transparent top part with angled nipples for rear milking (Diagram Item 2)**021106** Freeway Claw transparent top part with straight nipples for rear milking (Diagram Item 2)**021113** "L" Seal (Diagram Item 3)**021115** Adaptor plate (Diagram Item 4)**021516** Pulse block - alternate for Clearflow claw (Diagram Item 2) Diamond/Freeway (Diagram Item 5)**021554** Pulse block - simultaneous for Clearflow claw (Diagram Item 2) Diamond/Freeway (Diagram Item 5)**021117** Bolt M6 (special) (Diagram Item 7)

Visi Claw Parts

Fullwood pt#

021408 Gasket sealing for Visi Claw 021400 - 021401**021415** Visi Claw plastic sight glass**021421** Visi Claw O ring for sight glass

Claw Accessories

Fullwood pt#

021566	ACR Cluster hook assembly (long)(Diagram Item 6)	
185983	Clearflow Claw Cluster Hook for use with Cotswold backflush	
190800	Claw ACR clip attachment for Rotary parlours	
021142	Rubber Bung for stainless steel claw (old Fullflow)	
194689	Fullwood air bleed tool	
079739	Claw Bowl Clearflow less shut off for backflush system (alt to Diagram Item 6)	
079741	Clearflow QX Claw SS keyring for backflush system	
079623	Backflush top ACR bracket kit with shut off	

continuation of previous page

Fullwood pt#

079436 Backflush lock-open cap in 079623



Goat Liner with integrated air bleed

Fullwood pt#

- 020287** Goat Liner with air bleed - Blue rounded flat top profile. Hood aperture 20mm. Hood thickness 2mm. 10mm Min internal milk tube diameter. Compatible with shell 020237 or 020241(may be used with weight 020242 or 020290). Compatible with claw 021179.



- 020296** Goat Liner with air bleed - Transparent rounded flat top profile. Hood aperture 20mm. Hood thickness 2mm. 10mm Min internal milk tube diameter. Compatible with shell 020237 or 020241(may be used with weight 020242 or 020290). Compatible with claw 021179.



- 020234** Shell goat type Fullflow (not compatible with 020192)



- 020237** Shell goat (compatible with 020192)



- 020294** Air bleed (moulded) Blue 0.7mm



- 020293** Blank nipple (moulded)

Goat Liner Chamber Type & Shell

Fullwood pt#

- 020238** Goat Liner Chamber Type (1.5mm) 20mm hood orifice. Hood thickness 1.5mm. Thick barrel top. Compatible with shell 020237 or 020241(may be used with weight 020242). Shell chamber 020192. Shell spring clip 020239. Compatible with claw 021179.



- 020237** Shell goat (compatible with 020192)



- 020192** Shell Chamber in chamber type sheep & goat clusters



- 020239** Shell Clip goat chamber type



Goat Liner Fullflow type & Shell

Fullwood pt#

- | | | |
|---------------|--|---|
| 020236 | Goat Liner Silicone Fullflow type 20mm hood aperture. Hood thickness 1.5mm. Thick barrel top. 8.25mm minimum internal milk tube diameter. Compatible with shell 020234. Compatible with claw 020192. |  |
| 020234 | Shell goat type Fullflow (not compatible with 020192) |  |



Other Goat Liners

Fullwood pt#

- | | | |
|---------------|--|---|
| 068634 | Goat liner silicone 20mm hood aperture |  |
| 020240 | Goat Liner blue silicone(2mm) - chamber type 20mm hood aperture. Hood thickness 2mm. Thick barrel top. Compatible with shell 020237 or 020241(may be used with weight 020242). Shell chamber 020192. Shell spring clip 020239. Compatible with claw 021179. |  |
| 020246 | Goat Liner blue silicone(Flat Top) - chamber type 20mm hood aperture. Hood thickness 2mm. Flat hood liner. Compatible with shell 020237 or 020241(may be used with weight 020242). Shell chamber 020192. Shell spring clip 020239. Compatible with claw 021179 |  |
| 068543 | Goat Liner silicone shortened 20mm hood aperture. Hood thickness 1.5mm. Thick barrel top as per 020236 liner with trimmed short milk tube. 8.25mm minimum internal milk tube diameter. Compatible with shell 020234. Compatible with claw 021170. |  |



Goat shells and accessories

Fullwood pt#

- | | | |
|---------------|---|---|
| 020234 | Shell goat type Fullflow (not compatible with 020192) |  |
| 020237 | Shell goat (compatible with 020192) |  |
| 020256 | Goat Shell less rib |  |
| 020241 | Goat Shell for s/s weight |  |
| 020242 | Goat Shell weight for ribbed shell 020241 |  |



- | | | |
|---------------|---|---|
| 020290 | Goat shell weight assembly with hook to hold ACR rope |  |
|---------------|---|---|



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Fullwood pt#

020192 Shell Chamber in chamber type sheep & goat clusters**020239** Shell Clip goat chamber type**020194** Liner assembly tool goat/sheep

Goat Clusters

Fullwood pt#

011819 Goat Cluster Kit - Chamber Type (020238 liner). Comprising 1 x 021179, 2 x 020238, 2 x 020237, 2 x 020192, 2 x 020239, 2 x 020245**011828** Goat Cluster Kit (068543 liner). Comprising 2 x 020234, 2 x 068543, 1 x 024000, 1 x 021170, 2 x 068549, 2 x 068542, 1 x 068550, 2 x 068561, 1 x 021199**068540** Goat Cluster Rotary Kit (068543 liner). Comprising 2 x 020234, 2 x 068543, 2 x 021194, 2 x 068549, 1 x 068550, 2 x 068542, 2 x 068561, 1 x 068541, 1 x 021199**068568** Goat Cluster Rotary Kit (020246 liner). Comprising 1 x 068536, 2 x 021194, 1 x 021199, 2 x 020246, 2 x 020237, 2 x 020192, 1 x 068550, 1 x 068565, 2 x 020239, 0.3mtr x 030328, 0.348mtr x 030327, 2 x 020245**068569** Goat Cluster Kit (020246 liner) . Comprising 1x021179, 2x021194, 1x021199, 2x020246, 2x020237, 2x020192, 1x068550, 1x068565, 2x020239, 0.3mtrx030328, 0.348mtrx030327, 2x020245**068530** Goat Cluster 1.5mm Kit including shut off (020238 liner). Comprising 1 x 068536, 2 x 021194, 1 x 021199, 1 x 068565, 2 x 020238, 2 x 020237, 2 x 020192, 2 x 020239, 1 x 068550, 2 x 020245**068537** Goat Cluster 2mm kit including shut off & weight (020240 liner). Comprising 1 x 068536, 2 x 021194, 1 x 021199, 1 x 068565, 2 x 020240, 2 x 020241, 2 x 020192, 2 x 020239, 1 x 068550, 2 x 020242, 2 x 020245

Sheep Liner Silicone M Type & Shell

Fullwood pt#

020150 Sheep Liner Silicone (M Type) 19mm hood aperture**020025** Teat Cup shell L = 109mm for sheep (not suitable for use with 020192)

Sheep Liner Type F & Shell

Fullwood pt#

020160 Sheep Liner type F (short straight) 19mm hood aperture**020025** Teat Cup shell L = 109mm for sheep (not suitable for use with 020192)

Sheep Liner Chamber M Type & Shell

Fullwood pt#

020190 Sheep Liner chamber type 20mm hood aperture**020191** Shell sheep L = 109mm - chamber type in sheep cluster 011857**020192** Shell Chamber in chamber type sheep & goat clusters**020193** Spring Clip (Sheep) chamber type in 011857 sheep cluster

Sheep Liner Chamber F Type & Shell

Fullwood pt#

020196 Sheep liner type F extended 19mm hood aperture



020141 Sheep liner type F extended 19mm hood aperture. For use with 020195 shell.



020195 Shell type F, L = 135mm for extended sheep liner F, chamber type



020192 Shell Chamber in chamber type sheep & goat clusters



020193 Spring Clip (Sheep) chamber type in 011857 sheep cluster



Sheep shells and accessories

Fullwood pt#

020191 Shell sheep L = 109mm - chamber type in sheep cluster 011857



020195 Shell type F, L = 135mm for extended sheep liner F, chamber type



020025 Teat Cup shell L = 109mm for sheep (not suitable for use with 020192)



020192 Shell Chamber in chamber type sheep & goat clusters



continuation of previous page

Fullwood pt#

020194 Liner assembly tool goat/sheep

Sheep Clusters

Fullwood pt#

011857 Sheep Cluster Kit - Chamber Type (020190 liner) comprising 1 x 021179 claw, 2 x 020190 liner, 2 x 020191 shell, 2 x 020192 shell chamber, 2 x 020193 spring clip. Does not include shut off 021194 (2 required) or connecting brace 021199 (1 required)



021235 RP1 Sheep Cluster Kit comprising 2x020191 shell, 2x020193 spring clip, 2x020190 liner, 2x020192 shell chamber, 2x020245 sheep/goat chamber circle clip, 1x021247 RP1 Sheep & Goat claw H/L - bleed

021236 RP1 Sheep Cluster Kit with shut-off kit comprising 2x020191 shell, 2x020193 spring clip, 2x020190 liner, 2x020192 shell chamber, 2x020245 chamber circle clip, 1x021247 RP1 Sheep & Goat claw H/L - bleed, 2x021194 valve assy, 1x021199 connecting brace

Goat & Sheep Claw

Fullwood pt#

021179 Sheep & Goat claw less air bleed, for use with shells with shell chamber base and liners with integrated air bleed



021170 Sheep & Goat claw assembly with air bleed



068541 Sheep & Goat claw (Rotary) with air bleed features stabilizing bar



continuation of previous page

Fullwood pt#

068536 Sheep & Goat claw (Rotary) less air bleed features stabilizing bar**021240** RP1 Sheep & Goat claw with air bleed, top unloader for use on high level parlours**021247** RP1 Sheep & Goat claw less air bleed, top unloader for use on high level parlours

See image above

Sheep/Goat Claw Assembly Diagram



Goat & Sheep Claw Ass'y parts listing for diagram

Fullwood pt#

021175 Sheep & Goat claw top with air bleed (Diagram Item 1)**021178** Sheep Claw top less air bleed (alt to Diagram Item 1)**007664** O-ring seal for claw (Diagram Item 2)**021176** Goat & Sheep Claw bottom section (Diagram Item 3)**021191** Sheep Claw Protective rubber stop (Diagram Item 4)**021192** Sheep Claw retaining pin (Diagram Item 5) MINIMUM ORDER QUANTITY 10**021194** Cluster shut off valve Goat / Sheep (2 per cluster required) (Diagram Item 10). Requires 1 x 021199 connecting brace**021196** Diaphragm for sheep / goat shut off 021194 (Diagram Item 6)**021189** Plastic cap (Diagram Item 7) MINIMUM ORDER QUANTITY 10**021195** Valve body for 021194 shut off valve for sheep and goat clusters (Diagram Item 8)
MINIMUM ORDER QUANTITY 10

continuation of previous page

Fullwood pt#

021198 9/16" Diameter Plastic Ball (Diagram Item 9) MINIMUM ORDER QUANTITY 10**021199** Connecting brace for shut off valve 021194 Sheep & Goat Cluster**021197** Valve check for shut off assembly 021194 Goat & Sheep claws (Diagram Item 11)
MINIMUM ORDER QUANTITY 10

RP1 Claw Spares

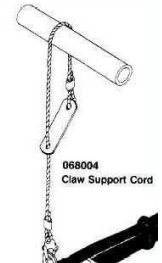
Fullwood pt#

021241 RP1 Sheep & Goat Claw Base Only**021244** O-Ring for RP1 Sheep & Goat CLaw 63x3x70 Shore**021242** RP1 Sheep & Goat Claw Top less air bleed**021243** RP1 Sheep & Goat Claw Top with air bleed

See image above

Goat Claw Accessories

Fullwood pt#

068004 Claw Support cord assembly for sheep & goat cluster**068550** Goat Cluster stainless steel Y piece tube connector**068552** Goat & Sheep Claw stabilising bar assembly**068565** Goat Cluster reinforcement assembly for rotary parlours**020245** Sheep & Goat chamber circle clip**030141** Plastic Y piece**068889** Goat Cluster stainless steel Cluster Hook 60 L x 6 diameter**068891** Goat stainless steel Cluster Hook 50 L x 5 diameter

Sheep Claw Accessories

Fullwood pt#

020193 Spring Clip (Sheep) chamber type in 011857 sheep cluster**020245** Sheep & Goat chamber circle clip**021180** Sheep Claw Pulse block top connector**021190** Rubber bend for use with 021180 & 021185**021186** Sheep Claw Milk Tube Connector**068004** Claw Support cord assembly for sheep & goat cluster**068552** Goat & Sheep Claw stabilising bar assembly

Silicone & Rubberware



Rubber Tubing



Fullwood pt#

030346	Rubber Tube Twin Pulse 7mmID x 14mmOD x 20mt Long
030340	Rubber Tube 7mmID x 13.5mmOD x 20mt Long
030344	Rubber Tube 8mmID x 16mmOD x 20mt Long
030341	Tube 9.1nb/20mt/18 od Rbr
030348	Rubber Tube 11mmID x 21mmOD x 10mt Long
022005	Rubber Tube 13.5mmID x 23.8mmOD x 2.438mt Long
030343	Tube 13.5/20mt/23.8 od Rbr
030345	Rubber Tube 15.5mmID x 27mmOD x 20mt Long
030101	Rubber Tube 19mmID x 31.8mmOD x 1.524mt Long
030347	Rubber Tube 19mmID x 31.8mmOD x 10mt Long
030121	Rubber Tube 28.6mmID x 47.6mmOD x 0.915mt Long
030256	Rubber Tube 28.6mmID x 47.6mmOD x 1.829mt Long
030192	Rubber Tube 38mmID x 63mmOD x 1.829mt Long

Short Milk & Pulse Tubing

Fullwood pt#

022115	Short Rubber Pulse Tube 7mmID - 185mm Long
022101	Short Rubber Pulse Tube 7mmID - 265mm Long
022001	Short Rubber Milk Tube 8.7mmID - 150mm Long
022010	Short Rubber Milk Tube reinforced 8.7mmID - 150mm Long
022013	Short Rubber Flexi Milk Tube 9.75mmID - 155mm Long
030334	Short Blue Silicone Pulse Tube 7mmID - 215mm long
020261	Short Silicone Milk Tube 10mmID - 160mm long
020262	Short Silicone Pulse Tube 7mmID - 230mm long



Silicone Tubing Blue



Fullwood pt#

030331	Silicone Twin Pulse Tube Blue 7mmID x 14mmOD x 20mt long	
030327	Silicone Single Pulse tube Blue 7mmIDx 13.5mmOD x 20mt Long	
030332	Silicone Single Pulse Tube Blue 8mmID x 16mmOD x 20mt Long	
030328	Sil Tube 9.1nb/20mt/18 od Rbr	See image above
030311	Silicone Milk Tube Blue 10mmID x16mmOD x 20mt Long	
030312	Sil Tube 12nb/20mt/21od	See image above
030329	Sil Tube 13.5nb/20mt/23.8 od	See image above
030330	Silicone Milk Tube Blue 15.5mmID x 27mmOD x 20mt Long	
030349	Silicone Milk Tube Blue 18mmIDx 28mmOD x10mt Long	
030333	Sil Tube 19nb/10mt/31.8 od Rbr	



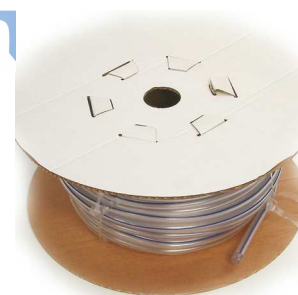
Silicone Tubing Translucent



Fullwood pt#

030531	Silicone Twin Pulse Tube Trans 7mmID x 14mmOD x 20mt Long	
030532	Silicone Twin Pulse Tube Trans 8mmID x 16mmOD x 20mt Long	
030528	Silicone Single Pulse Tube Trans 7mmID x 13.5mmOD x 20mt Long	
030529	Silicone Single Pulse Tube Trans 8mmID x 16mmOD x 20mt Long	
030530	Silicone Single Pulse Tube Trans 9.1mmID x 18mmOD x 20mt Long	
030533	Silicone Milk Tube Trans 13.5mmID x 23.8mmOD x 20mt Long	
030534	Silicone Milk Tube Trans 15.5mmID x 27mmOD x 20mt Long	
030535	Silicone Milk Transfer Tube Trans 19mmID x 31.8mmOD x 10mt Long	

PVC Tubing Clear



Fullwood pt#

030315	PVC Twin Pulse Tube Clear 7mmID Twin x 25mt Long
030309	PVC Milk Tube Clear 15.5mm with Blue stripe x 25mt Long OBSOLETE - LIMITED STOCK AVAILABLE

Tubing Accessories

Fullwood pt#

022401	Tube Retention Rings Rubber. Standard Filter sock securing ring (Diagram Item 4)
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022409	Triangular Retention Ring Blue 32mm ID
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022407	Triangular Retention Ring Blue 35mm ID
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030098	Plastic Milk/Pulse tube retention clip Simultaneous puls
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030097	Plastic Milk/Pulse tube retention clip Alternating puls
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022408	Starfish Milk & Pulse Tube support
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Fullwood pt#

002947 Milk Tube Anti Kink Spring 29.4id x 120mm

002965 Milk Tube Anti Kink Spring 28id x 200mm

024000 FOT Stainless Steel Pinch Clamp for 14mm tubing

115191 FOT Stainless Steel Pinch Clamp for 16mm tubing

See image above

024002 FOT Stainless Steel & Plastic Pinch Clamp for 16mm tubing

022406 Blue Silicone protection sleeve for QX claw. Pack of 10

030142 22mm Stainless Steel tube connector - 70mm long

022300 18mm Stainless Steel tube connector - 70mm long

See image above

022302 16mm Stainless Steel tube connector - 70mm long

See image above

070895 18mm Stainless steel Milk tube connector for stallwork

030323 Plastic Tee 16mm x 16mm x 16mm


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Fullwood pt#

030145 Plastic Tee Piece 15.6mm x 15.6mm x 15.6mm



003487 Hosetail tee connector plastic 5mm x 5mm x 5mm



003488 Hosetail tee connector plastic 15mm x 6mm x 15mm



003513 Hosetail tee connector plastic 10mm x 10mm x 10mm



003515 Hosetail tee connector plastic 8mm x 6mm x 8mm



Rubber Milkline Fittings for 32mm OD S/Steel pipe

Fullwood pt#

030108 Rubber Connector straight 32mm



030164 Rubber bend swept 32mm



030107 Rubber Elbow 32mm



030109 Rubber equal tee 32mm



030106 Rubber Reducer Elbow 32mm + 16mm SS Branch



030222 Rubber Reducer elbow 32mm to 16mm only



030111 Rubber Reducer Elbow 32mm + 22mm SS Branch



030225 Rubber Reducer elbow 32mm to 22mm without hole



continuation of previous page

Fullwood pt#

030132 Rubber Reducer Tee 32mm + 16mm SS Branch



030226 Rubber Reducer Tee 32mm to 16mm



030110 Rubber Tee 32mm + 22mm SS Branch



030292 Rubber Reducer Elbow 32mm to 22mm SS Branch with tap



030203 Rubber Reducer Elbow 32mm + 22mm SS Branch with hole for sample tap



030224 Rubber Reducer elbow 32mm to 22mm with hole for sample tap



030114 Plastic sample tap for drain elbows with 0.8mm air vent



030293 Shut-off tee piece - Rubber unequal tee 32mm with 22mm branch with ball & lever



continuation of previous page

Fullwood pt#

030289	Rubber unequal tee 32mm with 22mm branch plus hole for tap	
030162	Rubber Drain Elbow 32mm + Flap Assembly	
030138	Rubber Drain Elbow 32mm Less Flap	
030215	Rubber bend Swept 32mm + Drain Hole	
030139	Rubber Drain Elbow Flap for 030454/030162	
030140	Stainless Steel Drain Flap Stud for 030454/030162	
051000	Rubber Butterfly Valve 32mm	
051015	Valve centre shut off for 32mm Rubber & Silicone butterfly valves MINIMUM ORDER QUANTITY 5	
051014	Valve shaft and handle for 32mm Rubber & Silicone butterfly valves	

Rubber Milkline Fittings for 40mm OD S/Steel pipe

Fullwood pt#

030206 Rubber Connector straight 40mm



030205 Rubber Elbow 40mm



030175 Rubber reducing bend 40mm - 43mm



030100 Rubber equal tee 40mm



030209 Rubber Reducer Elbow 40mm + 16mm SS Branch



030266 Rubber Reducer Elbow 40mm + 22mm SS Branch



030208 Rubber Reducer Tee 40mm + 16mm SS Branch



030265 Rubber Reducer Tee 40mm + 22mm SS Branch

See image above

051004 Rubber Butterfly Valve 40mm



051017 Valve shaft and handle for 40mm & 50mm Rubber & Silicone butterfly valves

051016 Valve centre shut off for 40mm & 50mm Rubber & Silicone butterfly valves MINIMUM ORDER QUANTITY 5

continuation of previous page

Fullwood pt#

030165 Rubber Reducer connector 40 to 32mm

Rubber Milkline Fittings for 48mm OD glass pipe

Fullwood pt#

030137 Rubber Connector straight 48mm**030171** Rubber bend swept 48mm**030130** Rubber Elbow 48mm**030125** Rubber equal tee 48mm**030190** Rubber Reducer Elbow 48mm + 18mm SS Branch**030198** Rubber Reducer Elbow 48mm + 22mm SS Branch

See image above

030189 Rubber Reducer Tee 48mm + 18mm SS Branch**030197** Rubber Reducer Tee 48mm + 22mm SS Branch

Rubber Milkline Fittings for 50mm OD S/Steel pipe

Fullwood pt#

030269 Rubber Connector straight 50mm

030321 Rubber bend swept 50mm

030264 Rubber Reducer connector 50 to 32mm

030263 Rubber Reducer connector 50 to 40mm

051002 Rubber Butterfly Valve 50mm

051017 Valve shaft and handle for 40mm & 50mm Rubber & Silicone butterfly valves

051016 Valve centre shut off for 40mm & 50mm Rubber & Silicone butterfly valves MINIMUM ORDER QUANTITY 5

Other Rubber Reducers & Connectors

Fullwood pt#

066736 Rubber reducer connector 22mm to 18mm

030167 Rubber Reducer connector 47 to 32mm for glass pipe

030168 Rubber Reducer connector 47 to 40mm for glass pipe


continuation of previous page

Fullwood pt#

030191 Rubber connector for pipes 62-59mm**030200** Rubber Reducer connector 60mm to 48mm**034053** Eccentric Reducer 50mm to 32mm

Other Rubber Milkline Fittings

Fullwood pt#

022012 Rubber bend 15.5mm NB x 60deg**022112** Walking Stick Tube 13mm NB 275mm long with 40mm centre line radius (Diagram Item 4)**030262** Reducer Bend 17-13mm NB 175mm between centres**030170** Rubber Reducer Elbow 13mm NB + 10mm Plastic Branch for Master Relay install**030221** Manifold Elbow Body 13mm NB for Master Relay install**030159** Rubber Reducer Tee 13mm NB + 10mm Plastic Branch for Master Relay install

continuation of previous page

Fullwood pt#

022303 10mm Plastic Connector as fitted to 030159 & 030170



030123 Rubber end cap 32mm (29mm NB) for stainless steel pipe



030238 Rubber end cap 40mm (36mm NB) for stainless steel pipe

See image above

030127 Rubber end cap 42mm NB for glass pipe

See image above

030319 20mm Hollow Plastic Ball for milk transfer fittings



Silicone Milkline Fittings for 32mm OD S/Steel pipe

Fullwood pt#

030432 Silicone Straight Connector blue 32mm**030436** Silicone Swept Bend blue 32mm**030431** Silicone Elbow blue 32mm**030433** Silicone Equal Tee blue 32mm**030455** Silicone Reducer Elbow blue 32mm + 16mm SS Branch**030458** Silicone Reducer Elbow blue 32mm + 22mm SS Branch

See image above

030459 Silicone Reducer Tee blue 32mm + 16mm SS Branch**030456** Silicone Reducer Tee blue 32mm + 22mm SS Branch

See image above

030457 Silicone Reducer Drain Elbow blue 32mm + 22mm SS Branch with tap**030448** Silicone Unequal tee blue 32mm + 22mm Branch plus hole for tap

continuation of previous page

Fullwood pt#

030454 Silicone Drain Elbow blue 32mm with Flap assy



030434 Silicone Elbow blue 32mm with drain hole



030139 Rubber Drain Elbow Flap for 030454/030162



030140 Stainless Steel Drain Flap Stud for 030454/030162



030465 Shut-off tee piece - Silicone Unequal tee blue 32mm + 22mm Branch with ball & lever

030467 Silicone Butterfly valve blue 32mm



051014 Valve shaft and handle for 32mm Rubber & Silicone butterfly valves

051015 Valve centre shut off for 32mm Rubber & Silicone butterfly valves MINIMUM ORDER QUANTITY 5

Silicone Milkline Fittings for 40mm OD S/Steel pipe

Fullwood pt#

030438 Silicone Straight Connector blue 40mm



030437 Silicone Elbow blue 40mm



030430 Silicone Equal Tee blue 40mm



continuation of previous page

Fullwood pt#

030461 Silicone Reducer Elbow blue 40mm + 16mm SS Branch OBSOLETE - LIMITED STOCK AVAILABLE



030463 Silicone Reducer Elbow blue 40mm + 22mm SS Branch



030460 Silicone Reducer Tee blue 40mm + 16mm SS Branch



030462 Silicone Reducer Tee blue 40mm + 22mm SS Branch

See image above

030466 Silicone Butterfly valve blue 40mm



051017 Valve shaft and handle for 40mm & 50mm Rubber & Silicone butterfly valves

051016 Valve centre shut off for 40mm & 50mm Rubber & Silicone butterfly valves MINIMUM ORDER QUANTITY 5

030471 Silicone Reducing Connector blue 40 to 32mm



Silicone Milkline Fittings for 50mm OD S/Steel pipe

Fullwood pt#

030468 Silicone Straight Connector blue 50mm



030472 Silicone Swept Bend blue 50mm



030469 Silicone Reducing Connector blue 50 to 40mm



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Fullwood pt#

030470 Silicone Reducing Connector blue 50 to 32mm



Other Silicone Reducers & Connectors

Fullwood pt#

030450 Silicone Reducing Connector blue 22 to 17mm

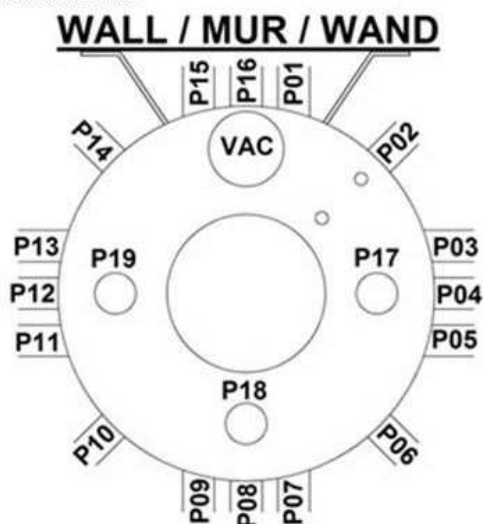


Receiving & Pumping

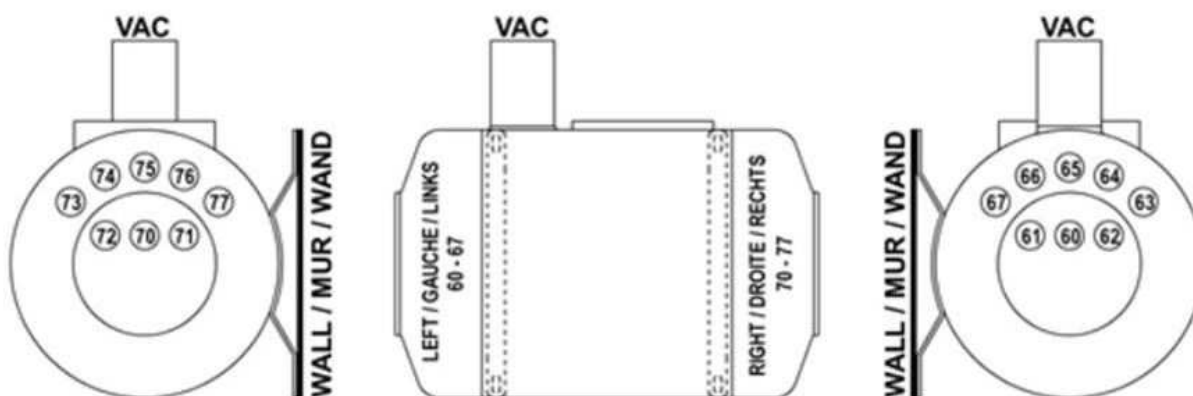


Milk Receiver inlet positions

Vertical Receivers



Horizontal Receivers



Milk Receiver

Fullwood pt#

- 067547** Stainless Steel Vertical Receiver vessel 37ltr vertical complete with standard milk pump 0.55kW 1ph & bracket 2 x 50-40 reducer milk inlets(positions P4,P12) & 63mm vacuum inlet



continuation of previous page

Fullwood pt#

- 070850** Stainless Steel Vertical Receiver vessel 1ph 100ltr complete with sanitary trap and FP66 1.5kW milk pump at 67.5deg & Major SS filter (not shown in photo). Milk inlet 4" (101.6mm) with Tri-Clover fitting at position P8, vacuum inlet 89mm



- 070848** Stainless Steel Vertical Receiver vessel 3ph 100ltr complete with sanitary trap and FP66 1.5kW milk pump at 67.5deg & Major SS filter (not shown in photo). Milk inlet 4" (101.6mm) at position P8, vacuum inlet 89mm

See image above

- 070849** Stainless Steel Vertical Receiver vessel kit 1ph 100ltr includes 070850 plus mounting bracket, milk pump controller and box of filters

- 070847** Stainless Steel Vertical Receiver vessel kit 3ph 100ltr includes 070848 plus mounting bracket, milk pump controller and box of filters

- 070855** Stainless Steel Vertical Receiver vessel 1ph 120ltr complete with sanitary trap and 2 x FP66 1.5kW milk pumps. Milk inlet 4" (101.6mm) at position P8



- 070866** Stainless Steel Vertical Receiver vessel 3ph 120ltr complete with sanitary trap and 2 x FP66 1.5kW milk pumps. Milk inlet 4" (101.6mm) at position P8

See image above

- 070854** Stainless Steel Vertical Receiver vessel kit 1ph 120ltr includes 070855 plus mounting bracket, milk pump controller and SS Magnum filter

- 070865** Stainless Steel Vertical Receiver vessel kit 3ph 120ltr includes 070866 plus mounting bracket, milk pump controller and SS Magnum filter

- 067557** Stainless Steel Horizontal Receiver vessel 1ph 100ltr LH complete with sanitary trap and FP66 1.5kW milk pump. Single milk inlet 4" (101.6mm) at position P60



- 067558** Stainless Steel Horizontal Receiver vessel 1ph 100ltr RH complete with sanitary trap and FP66 1.5kW milk pump. Single milk inlet 4" (101.6mm) at position P70

See image above

- 067588** Stainless Steel Horizontal Receiver vessel 3ph 100ltr LH complete with sanitary trap and FP66 1.5kW milk pump. Single milk inlet 4" (101.6mm) at position P60

See image above

- 067589** Stainless Steel Horizontal Receiver vessel 3ph 100ltr RH complete with sanitary trap and FP66 1.5kW milk pump. Single milk inlet 4" (101.6mm) at position P70

See image above

- 070690** Stainless Steel Horizontal Receiver vessel 1ph 100ltr complete with sanitary trap and FP66 1.5kW milk pump Milk inlet 3" (75mm) at position P60,P70

See image above

- 089183** Stainless Steel Horizontal Receiver vessel 3ph 100ltr complete with sanitary trap and FP66 1.5kW milk pump Milk inlet 3" (75mm) at position P60,P70

See image above

- 068705** Stainless Steel Horizontal Receiver vessel kit 1ph 100ltr includes 070690 plus brackets, probes and milk pump controller

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Fullwood pt#

068706	Stainless Steel Horizontal Receiver vessel kit 3ph 100ltr includes 089183 plus brackets, probes and milk pump controller
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Receiving Vessel Probe Kits



Fullwood pt#

115605	Probe kit 2 probes 350mm & 450mm including bung
115612	Probe kit 2 probes 450mm & 550mm including bung
115177	Probe kit 2 probes 550mm & 750mm including bung
115757	Probe kit 2 probes 750mm & 950mm including bung
115758	Probe kit 3 probes 350mm & 2 x 450mm including bung
115759	Probe kit 3 probes 450mm & 2 x 550mm including bung
115760	Probe kit 3 probes 550mm & 2 x 750mm including bung
115761	Probe kit 3 probes 750mm & 2 x 950mm including bung
115762	Probe kit 4 probes 300-350-450-550mm including bung
070297	Probe kit 4 probes 300-350-400-450mm including 49mm bung for 100ltr horizontal Controflow
070305	Probe kit 4 probes 500-550-650-750 mm including bung for 100ltr vertical
070306	Probe kit 4 probes 650-750-850-950 mm including bung for 120ltr vertical

Receiving Vessel Probes & Bungs



Fullwood pt#

098937	Receiver vessel probe 910mm long
098941	Receiver vessel probe 750mm long
098936	Receiver vessel probe 675mm long
098944	Receiver vessel probe 550mm long
098933	Receiver vessel probe 450mm long
098943	Receiver vessel probe 350mm long
098942	Receiver vessel probe 250mm long
067560	Rubber bung 28mm diameter for receiver float probe



continuation of previous page

Fullwood pt#

098934 Rubber bung 28mm diameter for 2 receiver probes**067569** Rubber bung 49mm diameter for 2 receiver probes**115756** Rubber bung 49mm diameter for 4 receiver probes

Milk Receiver Spares

Fullwood pt#

055036 Wash Restrictor for milk receiver install 3mm-1.5mm hole 16mm od**070218** Transparent lid 215mmOD with Fullwood logo for stainless steel receiver**071314** Receiver vessel lid seal for vertical receivers**070197** Transparent lid 261mmOD with Fullwood logo (without hole) for Controflow stainless steel receiver**070209** Transparent lid 261mmOD less logo (without hole)

continuation of previous page

Fullwood pt#

070198 Gasket for Transparent Plastic Receiver Vessel Lid - lid no 070197 & 070287



071313 Gasket 220mmOD for stainless steel lid on Sanitary Trap flask and receivers



032141 Glass jar top ring assembly cast aluminium



032200 Glass jar anti froth assembly stainless steel



067565 Receiver lid stainless steel for horizontal receiver with spray ball

067568 Receiver vessel lid stainless steel 22mm diameter nipple & spray ball



033071 Glass jar spray plate stainless steel



033198 Glass jar wash sprayer spring



067562 Receiver wash spray ball and retaining clip



continuation of previous page

Fullwood pt#

- 115884** Receiver vessel float complete 550mm long for use on horizontal receiver standard 37ltr, 60ltr, 80ltr and 100ltr, Horizontal Mercury receiver 80ltr and 100ltr, Vertical 37ltr, Controflow 82ltr



- 070307** Receiver vessel float complete 850mm long for use on Vertical standard 80ltr, Vertical Classic 104ltr

See image above

- 070308** Receiver vessel float complete 1050mm long for use on Vertical standard 100ltr, Classic 104ltr

See image above

- 035328** Receiver vessel stainless float only



- 035382** Receiver vessel stainless probe only 570mm



- 067563** Sanitary trap flask plastic 9ltr



- 067564** Sanitary trap flask glass 9ltr

See image above

- 070287** Transparent lid 261mmOD for Sanitary Traps & SS Interceptors with hole & Fullwood logo. Spare seal is part number 070198.



- 032132** Receiver sanitary trap ball 2" white rubber



continuation of previous page

Fullwood pt#

032233 Receiver sanitary trap ball 80mm diameter**032286** Receiver sanitary trap ball 101mm rubber**066430** Receiver with transparent lid Service Kit including 1 x 071314 lid seal (for 070218), 1 x 030269 rubber connector & 1 x 035565 cap only for milk pump drain outlet**030269** Rubber Connector straight 50mm**035565** Milk Pump drain cap for all milk pump outlets, milk receivers, clamp on drain valves and Magnum milk filter**066431** Receiver with stainless steel lid Service Kit including 1 x 071313 lid washer, 1 x 030269 rubber connector, 1 x 035565 cap only for milk pump drain outlet & 1 x 030206 rubber connector**030206** Rubber Connector straight 40mm**066432** Controflow Receiver Overhaul Kit including 1 x 070198 seal, 1 x 070282 seal, 1 x 070283 O ring, 1 x 070284 O ring, 1 x 070285 O ring, 1 x 035227 flap valve, 1 x 070291 tapered protection cap, 1 x 035565 drain outlet cap**066427** Horizontal 14ltr sanitary trap Service Kit including 2 x 070198 seal & 4 x 001684 washers**066428** Vertical 6ltr sanitary trap Service Kit including 2 x 071313 lid washer & 1 x 001684 washer

Milk Pump

Fullwood pt#

035135 Milk Pump Standard 0.55kw 1ph 220/240vlt supplied with FU nut, 32mm outlet (part no. 035551)



035156 Milk Pump Standard 0.55kw 3ph 220/380/415vlt supplied with FU nut, 32mm outlet (part no. 035551)



035580 Milk Pump Hy-Cap 0.75 kw 1ph 220/240vlt supplied with FU nut, 32mm outlet (part no. 035551)



067987 Milk Pump Hy-Cap 0.75kw 1ph 220/240vlt to fit vertical mounting plate supplied with FU nut, 32mm outlet (part no. 035551)



035589 Milk Pump Hy-Cap 0.75kw 3ph 380/415vlt supplied with FU nut, 32 mm outlet (part no. 035551)



135210 Milk Pump FP66 1.1kw 1ph 220/240vlt outlet with FU nut, inlet 52, rinse nipple 16dia. Supplied without outlet. Can be fitted with any of the FU outlets.



135211 Milk Pump FP66 1.1kw 3ph 380/415vlt outlet with FU nut, inlet 52, rinse nipple 16dia. Supplied without outlet. Can be fitted with any of the FU outlets.



135212 Milk Pump FP66 1.5kw 1ph 220/240vlt 40mm outlet with NW nut, inlet 52, rinse nipple 16dia. Supplied without outlet. Can be fitted with any NW40 outlet (part no. 035573 or 035592)



135213 Milk Pump FP66 1.5kw 3ph 380/415vlt 40mm outlet with NW nut, inlet 52, rinse nipple 16dia. Supplied without outlet. Can be fitted with any NW40 outlet (part no. 035573 or 035592)



Milk Pump Outlets

Fullwood pt#

- 035551** FU nut, 32mm outlet. Milk pump straight outlet with single drain valve 3/8" (Hy-cap Diagram Item 6) for Standard, Hy-cap and FP66 1.1kW milk pumps



- 035566** FU nut, 32mm outlet. Milk Pump outlet elbow with single drain valve 3/8" for Standard, Hy-cap and FP66 1.1kW milk pumps OBSOLETE - LIMITED STOCK AVAILABLE



- 035591** FU nut, 40mm outlet. Milk pump straight outlet with single drain valve 3/8" for Standard, Hy-cap and FP66 1.1kW milk pumps



- 035573** NW nut, 40mm outlet. Milk Pump straight outlet with single drain valve 3/8" for FP66 1.5kW milk pumps



- 035592** NW nut, 40mm outlet. Milk Pump outlet elbow with twin drain valve 3/8" for FP66 1.5kW milk pumps



- 166519** Burkert valve 8mm & milk pump outlet FU32



- 166542** Burkert valve 15mm & milk pump outlet NW40



- 035565** Milk Pump drain cap for all milk pump outlets, milk receivers, clamp on drain valves and Magnum milk filter



Milk Pump Motors



Fullwood pt#

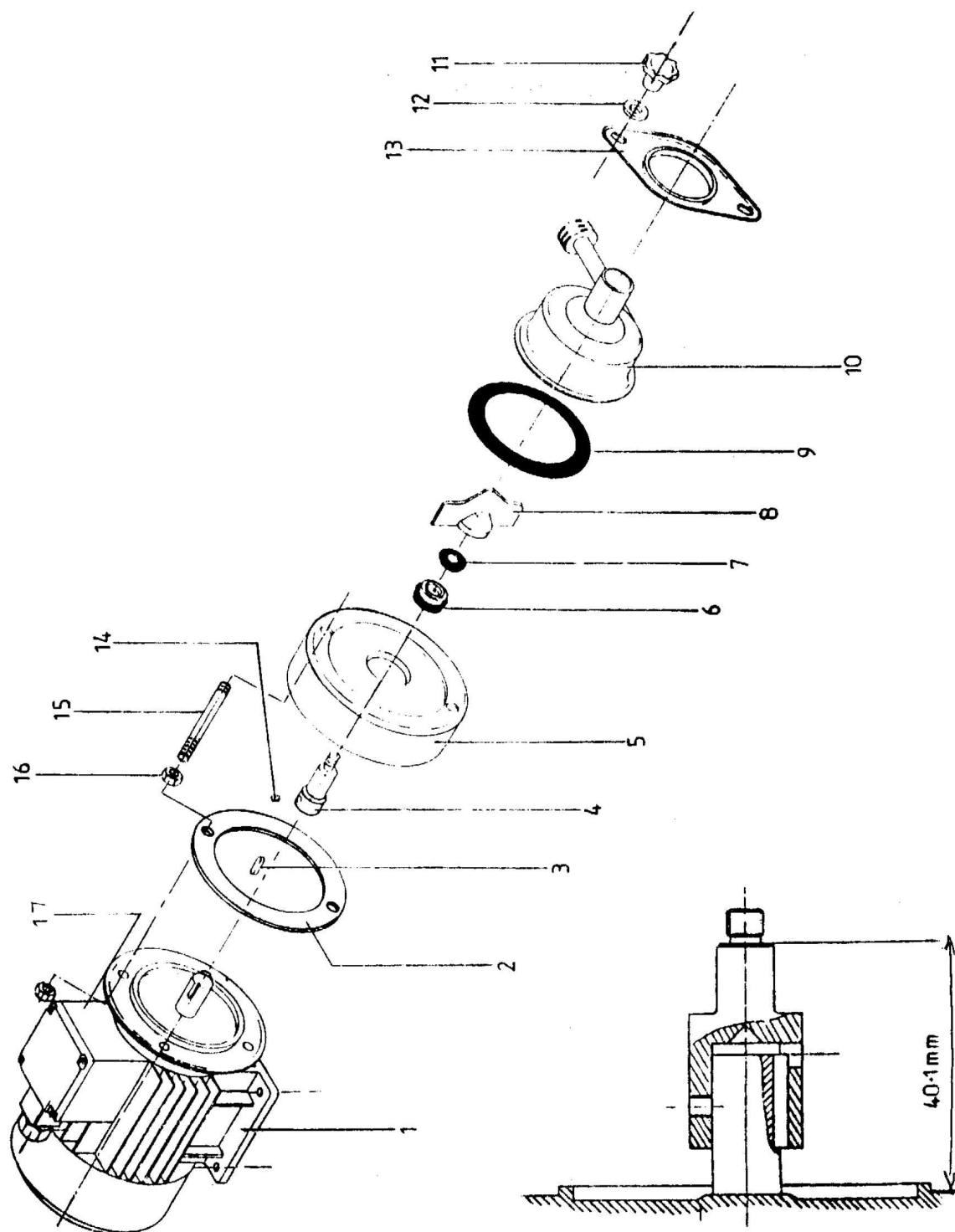
- 040032** Milk Pump electric motor 0.55kw 1ph for 035135 Standard milk pump Mk3 (Diagram Item 1)
- 115330** Milk Pump electric motor 0.55kw 3ph (Mez) for 035156 Standard 3ph milk pump FP4104 (Diagram Item 1)
- 040024** Milk Pump electric motor 0.75kw 1ph for 035580 Hy-Cap milk pump (Diagram Item 1)

continuation of previous page

Fullwood pt#

115331	Milk Pump electric motor 0.75kW 3ph (Mez)
040043	Milk Pump electric motor 1.1kw 220/240vlt 1ph for 135210 FP66 milk pump (Diagram Item 30)
040133	Milk Pump electric motor 1.1kw 230/400vlt 3ph (Diagram Item 30)
040044	1.5kw 1ph 220v motor for 135212 FP66 milk pump (Diagram Item 30)
040134	Milk Pump electric motor 1.5kw 240/400vlt 3ph (Diagram Item 30)

Standard Milk Pump 035135 Diagram



Standard Milk Pump 035135 parts listing

Fullwood pt#

040032	Milk Pump electric motor 0.55kw 1ph for 035135 Standard milk pump Mk3 (Diagram Item 1)	
035145	Stainless steel spacing ring for Standard milk pump (Diagram Item 2)	
035445	Milk Pump Shaft extension 14mm for Standard milk pump (Diagram Item 4)	
035494	Milk Pump seal & tool kit for Standard (Diagram Item 6 & 7) & Hy-Cap (Diagram Item 4 & 5) milk pumps included in service kits 035567 & 035568	
035142	Milk Pump 8 Bladed impellor for Standard Milk Pumps (Diagram Item 8)	
035216	Washer front plate -Standard Milk Pump 035135 & 035156 (Diagram Item 9) included in service kits 035567	
035168	Rotor Cover for Standard Milk Pumps (Diagram Item 10)	
035227	Flap Valve for FU outlet on milk pumps (Standard pump Diagram Item 10) & (Hy-cap pump Diagram Item 7) included in service kits 035567, 035568, 066432 & 135220	
035144	Milk Pump handnut for Hy cap (Diagram Item 9) & Standard milk pump (Diagram Item 11)	
001676	SS Washer Standard pump (Diagram Item 12) Hy cap (Diagram Item 8)	
035147	Stainless steel rotor cover clamp for Standard milk pump (Diagram Item 13)	
000944	Grubscrew Standard Pump (Diagram Item 14) Hy-Cap (Item 3) Vac pumps (Diagram Item 10)	
035585	Milk Pump clamp stud M10 Standard milk pump (Diagram Item 15)	
001150	M10 SS Nut Standard Pump (Diagram Item 16) Hy Cap (Diagram Item 2)	
035134	Milk Pump capacitor for Standard milk pump 035135 (Diagram Item 17)	
035143	Milk Pump circuit breaker for Standard milk pumps	
035154	Milk Pump plastic fan for Standard milk pumps	

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Fullwood pt#

035214 FU outlet nut for Standard milk pump also used on gate latch assembly (Part of Diagram item 4)



035240 Stainless Steel milk pump wall bracket for Standard milk pump

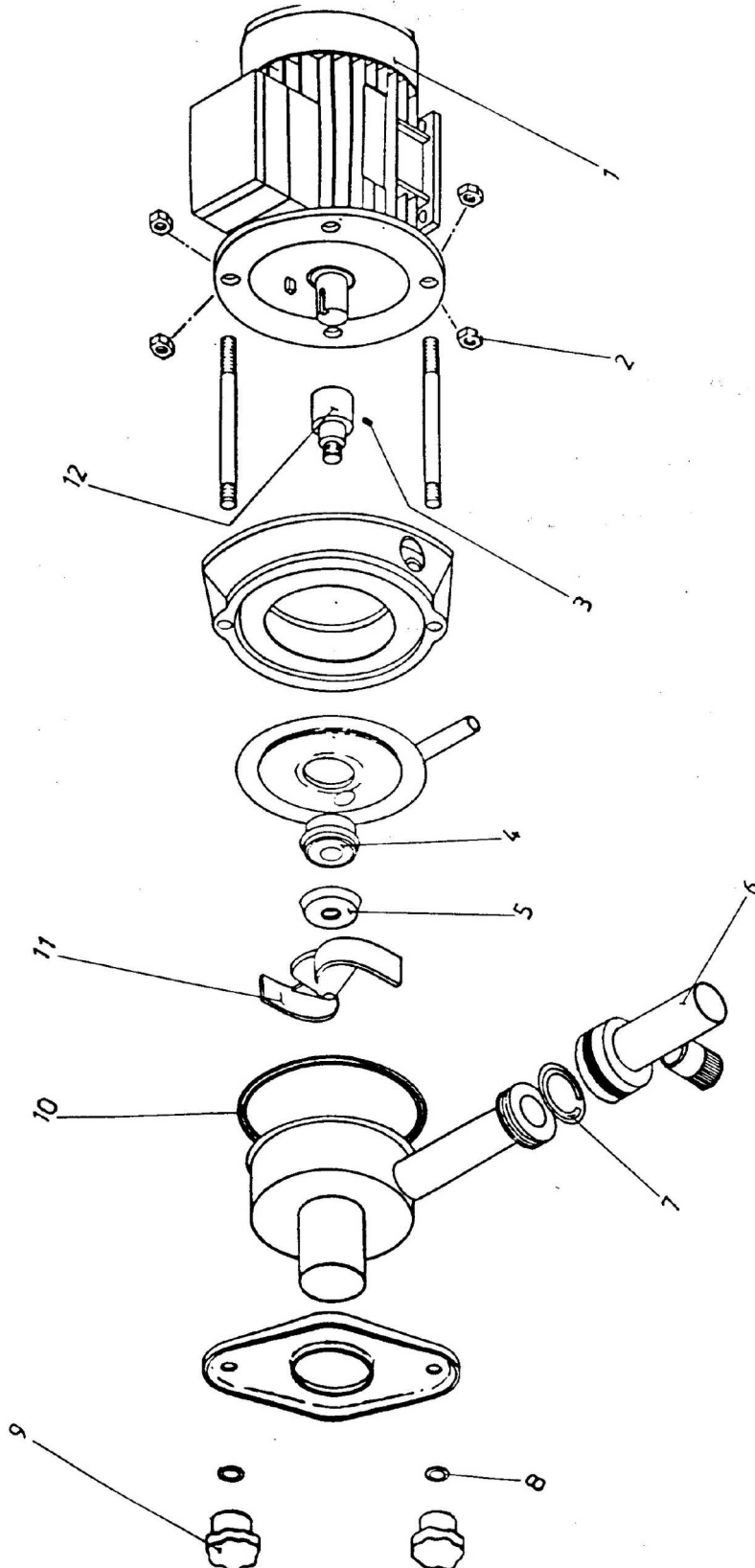


035565 Milk Pump drain cap for all milk pump outlets, milk receivers, clamp on drain valves and Magnum milk filter



035596 Milk Pump Fan Cover for Hy-Cap & Standard Milk Pumps

Hy Cap Milk Pump 035580 Diagram



Hy Cap Milk Pump 035580 parts listing

Fullwood pt#

- 040024** Milk Pump electric motor 0.75kw 1ph for 035580 Hy-Cap milk pump (Diagram Item 1)
- 001150** M10 SS Nut Standard Pump (Diagram Item 16) Hy Cap (Diagram Item 2)
- 000944** Grubscrew Standard Pump (Diagram Item 14) Hy-Cap (Item 3) Vac pumps (Diagram Item 10)
- 035494** Milk Pump seal & tool kit for Standard (Diagram Item 6 & 7) & Hy-Cap (Diagram Item 4 & 5) milk pumps included in service kits 035567 & 035568



- 035551** FU nut, 32mm outlet. Milk pump straight outlet with single drain valve 3/8" (Hy-cap Diagram Item 6) for Standard, Hy-cap and FP66 1.1kW milk pumps



- 035227** Flap Valve for FU outlet on milk pumps (Standard pump Diagram Item 10) & (Hy-cap pump Diagram Item 7) included in service kits 035567, 035568, 066432 & 135220



- 001676** SS Washer Standard pump (Diagram Item 12) Hy cap (Diagram Item 8)

- 035144** Milk Pump handnut for Hy cap (Diagram Item 9) & Standard milk pump (Diagram Item 11)



- 035582** Gasket front plate for Hy Cap Milk pump (Diagram Item 10) included in service kit 035568



- 035584** Gasket front plate for Hy-cap Milk Pump Viton (alt material to Diagram Item 10)

See image above

- 035594** Milk pump Impellor for Hy Cap Milk Pumps (Diagram Item 11)

- 035593** Milk Pump shaft extension for Hy-Cap milk pumps (Diagram Item 12)



- 035579** Milk pump capacitor for Hy Cap Milk Pump 035580 (Diagram Item 13)



- 035565** Milk Pump drain cap for all milk pump outlets, milk receivers, clamp on drain valves and Magnum milk filter



- 035586** Milk Pump flange Hy-Cap milk pump

- 035588** Milk Pump circuit breaker 6A for Hy-Cap milk pumps

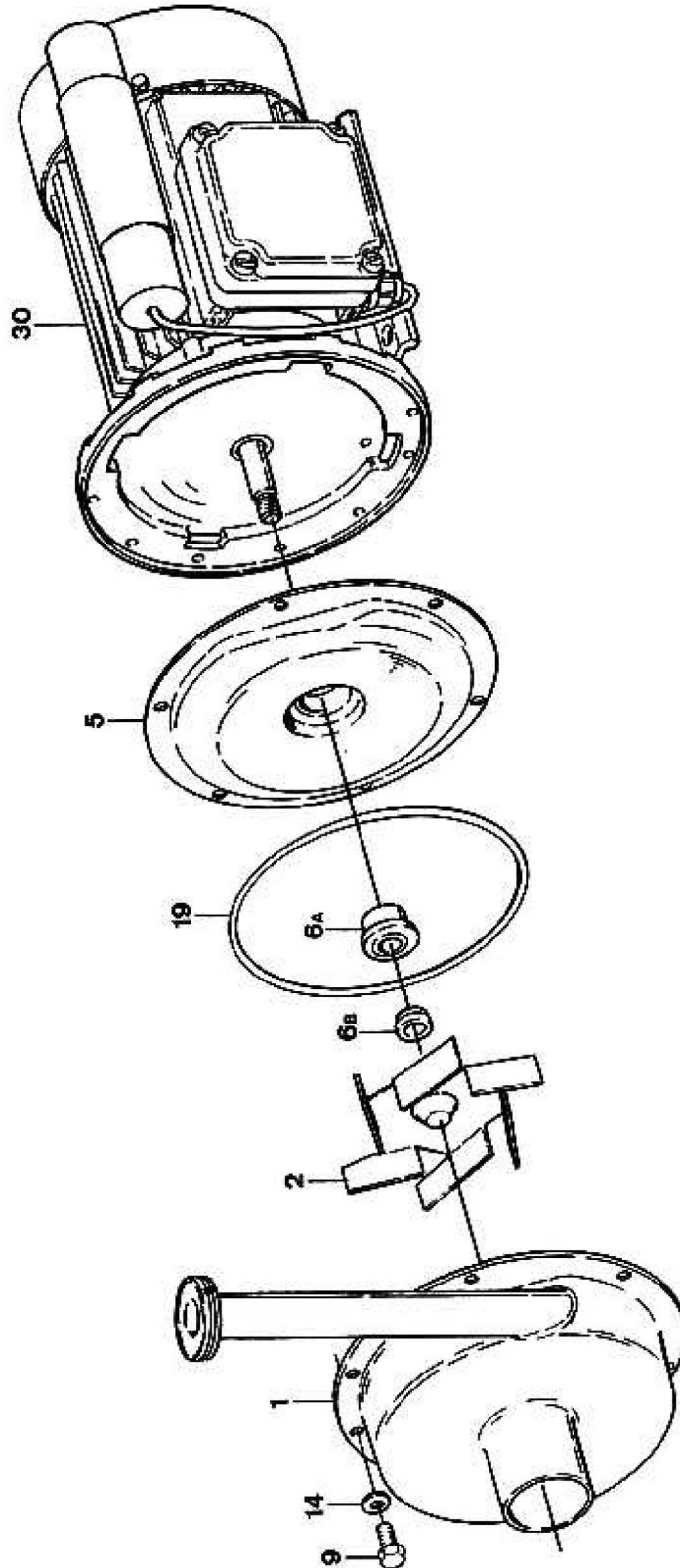


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Fullwood pt#

115129	Milk Pump plastic fan for Hy-Cap milk pumps
035596	Milk Pump Fan Cover for Hy-Cap & Standard Milk Pumps
035577	Rotor cover for Hy-Cap milk pump, Inlet 40mm + rinse nipple
115434	Rotor cover for Hy-Cap milk pump, Inlet 40mm, Outlet FU

FP66 Milk Pump Diagram



FP66 Milk Pump 1.1kW & 1.5kW parts listing

Fullwood pt#

035598 Stainless steel rotor cover for FP66 milk pump, Inlet 52 diameter, Outlet NW40 + rinse nipple (Diagram Item 1)

035597 Stainless steel rotor cover for FP66 milk pump, Inlet 52 diameter, Outlet FU25 + rinse nipple (Diagram Item 1)

135225 Milk Pump impellor 105mm diameter for FP66 - formed SS (Diagram Item 2)



035572 Milk Pump impeller cast 116 mm diameter FP66 milk pump (alt to Diagram Item 2)



135227 96mm Diameter FP66 Impellor - Cast SS (alt to Diagram Item 2)

035599 Milk Pump stainless backplate FP66 Milk pumps (Diagram Item 5)



115766 Milk Pump seal (new) FP66 (Diagram Item 6)



000447 Stainless Steel Screw (Diagram Item 9)

001630 Stainless Steel Washer (Diagram Item 14)

038004 Pump casing seal O ring (Diagram Item 19)



040043 Milk Pump electric motor 1.1kw 220/240vlt 1ph for 135210 FP66 milk pump (Diagram Item 30)

040133 Milk Pump electric motor 1.1kw 230/400vlt 3ph (Diagram Item 30)

040044 1.5kw 1ph 220v motor for 135212 FP66 milk pump (Diagram Item 30)

040134 Milk Pump electric motor 1.5kw 240/400vlt 3ph (Diagram Item 30)

035227 Flap Valve for FU outlet on milk pumps (Standard pump Diagram Item 10) & (Hy-cap pump Diagram Item 7) included in service kits 035567, 035568, 066432 & 135220



038084 Silicon Flap Valve for NW40 outlet on FP66 milk pumps (replaces part number 035571)



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Fullwood pt#

035566 FU nut, 32mm outlet. Milk Pump outlet elbow with single drain valve 3/8" for Standard, Hy-cap and FP66 1.1kW milk pumps **OBSOLETE - LIMITED STOCK AVAILABLE**



035592 NW nut, 40mm outlet. Milk Pump outlet elbow with twin drain valve 3/8" for FP66 1.5kW milk pumps



035551 FU nut, 32mm outlet. Milk pump straight outlet with single drain valve 3/8" (Hy-cap Diagram Item 6) for Standard, Hy-cap and FP66 1.1kW milk pumps



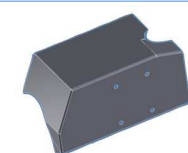
035565 Milk Pump drain cap for all milk pump outlets, milk receivers, clamp on drain valves and Magnum milk filter



135222 Milk Pump Capacitor for 135212 FP66 milk pump



135226 Milk Pump cover for rotary parlours 1.5Kw FP66 milk pumps



Milk Pump Service Kits

Fullwood pt#

035494 Milk Pump seal & tool kit for Standard (Diagram Item 6 & 7) & Hy-Cap (Diagram Item 4 & 5) milk pumps included in service kits 035567 & 035568



035567 Milk Pump service kit for Standard milk pumps 035135/035156



035568 Milk Pump service kit for Hy-Cap milk pumps 035580 / 067987 / 035589



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Fullwood pt#

- 292200** Milk Pump service kit NW40 Silicon for FP66 milk pumps type 135212 & 135213.
- 135220** Milk Pump service kit FU25 for FP66 milk pumps type 135210 & 135211



- 135219** Milk pump seal fitting tool FP66 milk pumps



Milk Pump Accessories

Fullwood pt#

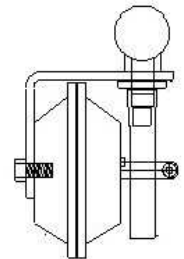
- 089413** Flexible food quality hose 50mm id



- 003572** Flexible food quality hose 40mm id

See image above

- 089655** Auto drain valve kit



- 035253** Plastic drain valve for milk pump



- 034058** Valve housing assy for diaphragm milk pump



- 034098** DMP Replacement Kit less Milk Pump Controller. Kit contains 1 x 035135 standard milk pump, 1 x 035240 SS milk pump bracket, 1 x 115884 float kit and 1 x 115533 SS shroud for milk pump

- 034099** DMP Replacement Kit including Milk Pump Controller. Kit contains 1 x 035135 standard milk pump, 1 x 035240 SS milk pump bracket, 1 x 115884 float kit, 1 x 115533 SS shroud for milk pump and 1 x 098940 milk pump controller

Milk Pump Control



Fullwood pt#

098867	Milk Pump Controller 1ph FP66 milk pump
097096	Overload Relay for Milk Pump Controller 098867 1ph FP66 8-11 Amp
098868	Milk Pump Controller 3ph FP66 milk pump
097095	Overload Relay for Milk Pump Controller 098868 3ph FP66 2.7-4 Amp
098869	Milk Pump Controller 3ph Standard milk pump
097098	Overload Relay for Milk Pump Controller 098869 3ph standard 1.2-1.8 Amp
098870	Milk Pump Controller 3ph Hy-Cap milk pump
097097	Overload Relay for Milk Pump Controller 098870 3ph Hy-Cap 1.8-2.7 Amp
098940	Milk Pump Controller 1ph Standard & Hy Cap milk pump
097099	Overload Relay for Milk Pump Controller 098940 1ph Standard 6.9 Amp
097090	Contactor 4kW 240vAC Coil for Fullwood Milk Pump Controllers

Controflow Milk Pump Speed Controller

Fullwood pt#

070292	230V Controflow VSD (Variable Speed Drive) suitable for 3ph FP66 milk pumps up to 1.5kW (no probes or milk pump)
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070229	Controflow VSD (070292) & 1.5kW 3ph motor for conversion (040134) & mains cables & probe cables only (no probes)
070358	Controflow kit for 3ph vertical receiver, including 1 x 070292 Controflow VSD, 1 x 070306 bung & probes, 1 x 115948 Controflow CMD control, cable glands & cables
070359	Controflow kit for 3ph horizontal receiver, including 1 x 070292 Controflow VSD, 1 x 070297 bung & probes, 1 x 115948 Controflow CMD control, cable glands & cables
115948	Controflow CMD control



115571	Altivar 12 VSD spare for 070292 Controflow VSD
115572	PND2 PCB level detector spare for 070292 Controflow VSD
070297	Probe kit 4 probes 300-350-400-450mm including 49mm bung for 100ltr horizontal Controflow
115762	Probe kit 4 probes 300-350-450-550mm including bung

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Fullwood pt#

070305	Probe kit 4 probes 500-550-650-750 mm including bung for 100ltr vertical
070306	Probe kit 4 probes 650-750-850-950 mm including bung for 120ltr vertical
005584	Fuse 2a 20x5mm Q/B Glass spare for 070292 Controflow VSD

Milk Filter

Fullwood pt#

035044 Standard Filter-Side Entry(32mm in/out)



070851 Major Filter-Side Entry & Drain(40mm in/out)

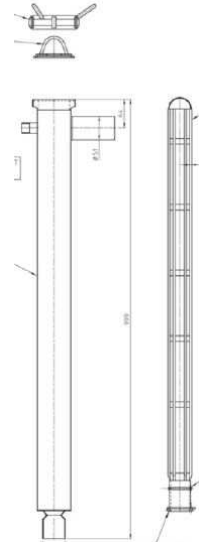


089411 Major Filter-Side Entry(40mm in/out)



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Fullwood pt#

089828 Magnum FilterL960(Cage)(51mm in/out)**188890** Magnum III Filter(Spring)(51mm in/out) Side exit with straight inlet. End drain. For vertical installation.

Milk Filters Bonded Fibre - Pack of 100



Fullwood pt#

013616	Bonded fibre Fullwood Filter Sock Minor 270mm x 70mm - 10 1/2"x2 3/4"
035065	Bonded fibre Fullwood Filter Sock Major 457mm x 95mm - 18"x3 3/4"
035085	Bonded fibre Fullwood Filter Sock Standard - 21 1/4"x2 3/4"
089671	Bonded fibre Filter Sock Fullwood Magnum 920mm x 85mm - 36 1/4"x3 1/2"
034989	Bonded fibre Filter Sock 610mm x 76mm - 24"x3"
034991	Bonded fibre Filter Sock 610mm x 95mm - 24"x3 3/4"
034988	Bonded fibre Filter Sock 610mm x 102mm - 24"x4"
034992	Bonded fibre Filter Sock 640mm x 127mm - 25"x5"
034990	Bonded fibre Filter Sock 660mm x 76mm - 26"x3" OBSOLETE - LIMITED STOCK AVAILABLE
034993	Bonded fibre Filter Sock 790mm x 150mm - 31"x6"
034994	Bonded fibre Filter Sleeve 760mm x 150mm - 30"x6"

Milk Filters Bonded Fibre Plus - Pack of 100



Fullwood pt#

034997	Bonded fibre plus Fullwood Filter Sock Major 457mm x 95mm - 18"x3 3/4"
034987	Bonded fibre plus Fullwood Filter Sock Standard 535mm x 70mm - 21 1/4"x 2 3/4"
034996	Bonded fibre plus Fullwood Filter Sock Magnum 920mm x 90mm - 36 1/4"x3 1/2"
034995	Bonded fibre plus Filter Sock 610mm x 76mm - 24"x3" OBSOLETE - LIMITED STOCK AVAILABLE
034998	Bonded fibre plus Filter Sock 610mm x 95mm - 24"x4 1/8" OBSOLETE - LIMITED STOCK AVAILABLE
034999	Bonded fibre plus Filter Sock 790mm x 150mm - 30"x6"

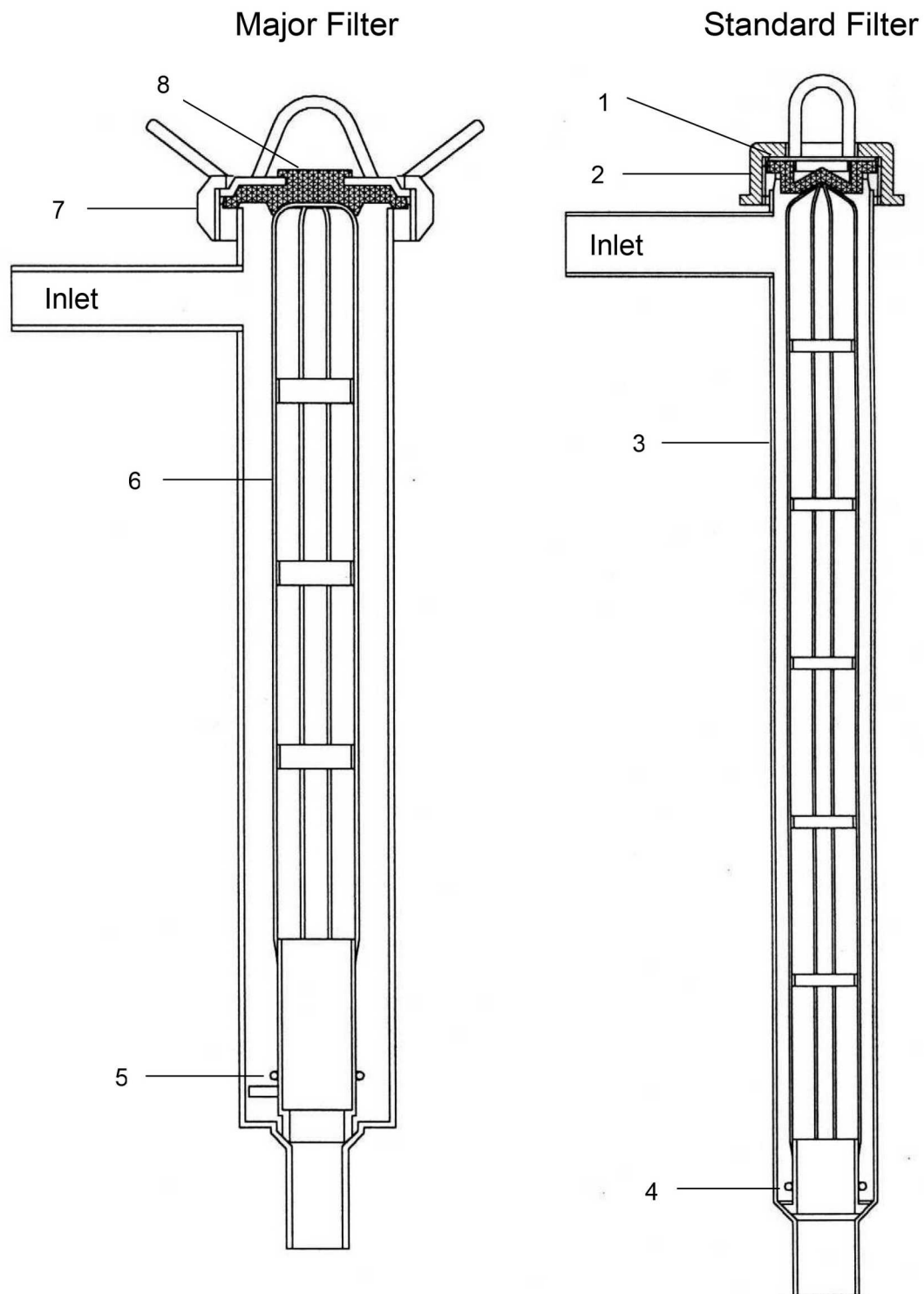
Milk Filters Cotton - Pack of 100



Fullwood pt#

035051	Cotton Filter Sock Fullwood Major
035130	Cotton Filter Sock Fullwood Standard
089672	Cotton Filter Sock Fullwood Magnum

Major and Standard Milk Filters Diagram



Major & Standard Milk Filter parts listing

Fullwood pt#

035047 Rubber nut seal for Standard Milk Filters (Diagram Item 1)**035049** Nylon Nut for Standard Filter Side Entry (Diagram Item 2)**035046** Filter Cage for Standard Filter side entry (Diagram Item 3)**115406** Standard filter sock securing ring D30 D40 (Preferred alternative to Diagram Item 4)**022401** Tube Retention Rings Rubber. Standard Filter sock securing ring (Diagram Item 4)**089568** Filter sock O ring holder for Magnum cage & Major filters (Diagram Item 5)**035008** Filter Cage for "O Ring" type Major Filter (Diagram Item 6)**115620** 3" Stainless Steel Nut for Magnum & Major filter (Diagram Item 7)**035006** Rubber nut seal for Magnum cage & Major Filters (Diagram Item 8)**035052** Filter pull plate assembly for Standard filter**115348** Stainless Steel Cage end plate for Magnum cage & Major filters

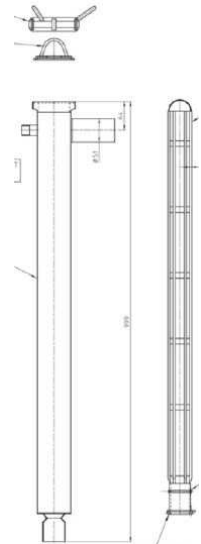
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Fullwood pt#

089822 Rubber Cage seal for Magnum cage & Major Filters**035023** Major filter service kit including 1 x 035006 seal, 2 x 089568 O ring & 1 x 089822 seal**035024** Standard filter service kit including 1 x 035047 seal & 2 x 115406 O ring

Magnum Milk Filter 089828 (cage type)

Fullwood pt#

089828 Magnum FilterL960(Cage)(51mm in/out)**035006** Rubber nut seal for Magnum cage & Major Filters (Diagram Item 8)**089568** Filter sock O ring holder for Magnum cage & Major filters (Diagram Item 5)**089822** Rubber Cage seal for Magnum cage & Major Filters

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Fullwood pt#

089829 Filter Cage for Magnum Filter 089828



115620 3" Stainless Steel Nut for Magnum & Major filter (Diagram Item 7)

115348 Stainless Steel Cage end plate for Magnum cage & Major filters

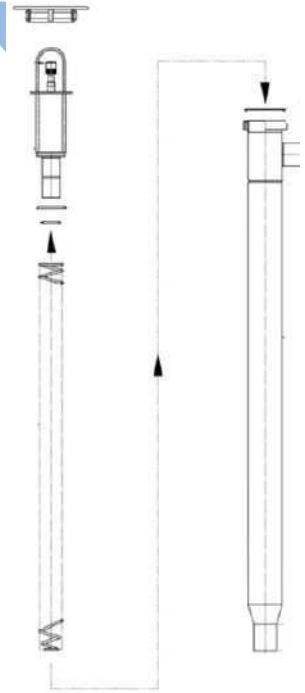


035565 Milk Pump drain cap for all milk pump outlets, milk receivers, clamp on drain valves and Magnum milk filter



035022 Service Kit for Magnum milk filter - cage type including 1 x 035565 drain cap, 1 x 089822 O ring, 2 x 089568 O ring & 1 x 035006 seal

Magnum Milk Filter 188890 (spring type) Vertical



Receiving & Pumping

Fullwood pt#

- 188890** Magnum III Filter(Spring)(51mm in/out) Side exit with straight inlet. End drain. For vertical installation.



- 115941** Filter pull plate with drain for Magnum spring filters

- 035565** Milk Pump drain cap for all milk pump outlets, milk receivers, clamp on drain valves and Magnum milk filter



- 115620** 3" Stainless Steel Nut for Magnum & Major filter (Diagram Item 7)

- 188888** Rubber seal for spring type Magnum Filter between spring cage and body



- 188886** Filter Sock o ring holder for spring type Magnum Filter



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Fullwood pt#

- 072734** Seal for 003331 3"SMS
Sealing rubber between nut and Magnum filter body
Bulk Tank washed outlet seal 3"



- 115940** SS Spiral cage for Magnum filters



- 035021** Service Kit for Magnum milk filter - spring type including 1 x 035565 drain cap, 1 x 188888 O ring, 2 x 188886 O ring & 1 x 072734 seal

Milk Filter Hosier accessories

Fullwood pt#

- 035020** Filter Gasket(056770)-Hosier



Milk Filter Service Kits

Fullwood pt#

- 035023** Major filter service kit including 1 x 035006 seal, 2 x 089568 O ring & 1 x 089822 seal
- 035024** Standard filter service kit including 1 x 035047 seal & 2 x 115406 O ring
- 035021** Service Kit for Magnum milk filter - spring type including 1 x 035565 drain cap, 1 x 188888 O ring, 2 x 188886 O ring & 1 x 072734 seal
- 035022** Service Kit for Magnum milk filter - cage type including 1 x 035565 drain cap, 1 x 089822 O ring, 2 x 089568 O ring & 1 x 035006 seal

Milk Line

Fullwood pt#

067655 Stainless end manifold 76mm single 32mm nipple weld end



066466 Stainless manifold 50mm single point 32mm nipple weld end

See image above

067659 Stainless end manifold 50mm single 22mm nipple weld end

See image above

067635 Stainless end manifold 40mm single 22mm nipple weld end

See image above

066535 Stainless manifold 76mm single point 32mm nipple



067976 Stainless manifold 40mm twin point 16mm nipple 1.825m long, 915mm centres



070816 Stainless manifold streamline 50mm twin point 16mm nipple 3m long, 760mm centres

See image above

Stainless Steel Tube 3mtr lengths



Fullwood pt#

003113 Stainless Steel tube 10mm OD x 1.5mm wall 3mtr length

003116 Stainless Steel tube 15.5mm (5/8") x 1.5mm wall 3 mtr length

003122 Stainless Steel tube 15.5mm (5/8") x 0.9mm wall 3 mtr length

003163 Stainless Steel tube 18mm OD x 1mm wall 3mtr length

003119 Stainless Steel tube 22mm x 1mm wall 3mtr length

003884 Stainless Steel tube 22mm x 1.5mm wall 3mtr length

003109 Stainless Steel tube 32mm (1.25") x 0.9mm wall 3 mtr length

003107 Stainless Steel tube 32mm (1.25") x 1.5mm wall 3 mtr length

003145 Stainless Steel tube 40mm (1.5") x 1mm wall 3 mtr length

003112 Stainless Steel tube 50mm (2") x 1.5mm wall 3 mtr length. D003112 is available for direct delivery for volume purchase.

003128 Stainless Steel tube 50mm (2") x 1.2mm wall 3 mtr length

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Fullwood pt#

003140	Stainless Steel tube 76mm (3") x 1.5mm wall 3 mtr length. D003140 is available for direct delivery for volume purchase.
003365	Stainless Steel tube 101mm (4") x 1.5mm wall 3 mtr length. D003365 is available for direct delivery for volume purchase.

Stainless Steel Tube 6mtr lengths



Fullwood pt#

003794	Stainless Steel tube 22mm x 1mm wall SS Tube 6 mtr length.
003144	Stainless Steel tube 22mm x 1.5mm wall SS Tube 6 mtr length.
003836	Stainless Steel tube 32mm (1.25") x 1.0mm wall SS Tube 6 mtr length. D003836 is available for direct delivery for volume purchase.
003837	Stainless Steel tube 40mm (1.5") x 1.0mm wall SS Tube 6 mtr length. D003837 is available for direct delivery for volume purchase.
003354	Stainless Steel tube 50mm (2") x 1.5mm wall SS Tube 6 mtr length. D003354 is available for direct delivery for volume purchase.
003353	Stainless Steel tube 76mm (3") x 1.5mm wall SS Tube 6 mtr length. D003353 is available for direct delivery for volume purchase.
003355	Stainless Steel tube 101mm (4") x 1.5mm wall SS Tube 6 mtr length. D003355 is available for direct delivery for volume purchase.

Milk Line Fittings

Fullwood pt#

003319	Stainless Steel bend 22mm
194904	Stainless Steel bend 22mm with fittings



003197	Stainless Steel large swept bend 32mm (1.25")
003198	Stainless Steel large swept bend 40mm (1.5")
003199	Stainless Steel large swept bend 50mm (2")



See image above

See image above

continuation of previous page

Fullwood pt#

080088	Stainless Steel bend 1 1/2"od 1.5D Rad - 304	
084181	Stainless Steel bend 2" x 1.5D short bend	See image above
003380	Stainless Steel elbow 76mm 1.5D Rad 304	
003702	Stainless Steel 90mm weld on bend 1.5D radius	
003343	Stainless Steel Bend 90 degree 14mm id 18mm od	
070841	Stainless Steel angled connector 101mm (4") 135 degrees	
070902	Stainless Steel long bend 50mm (2") 45 degree	
070990	Stainless Steel bend 101mm (4") 45 degree	See image above
003235	Stainless Steel 40mm 90deg bend long 1.25mtr x 750mm	
003233	Stainless Steel 50mm (2") 90deg bend long 1.25mtr x 750mm	See image above
003232	Stainless Steel 76mm (3") 90deg bend long 1.25mtr x 750mm	See image above
089759	Stainless Steel Butterfly valve 40mm	
089506	Stainless Steel Butterfly valve 101mm (4")	See image above
003271	Stainless Steel butterfly valve 50mm (2") with locking handle, Complete shut-off. Spare blue gasket is 115432.	
003266	Stainless Steel butterfly valve 76mm (3"), Complete shut-off. Spare blue gasket is 115567.	

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Fullwood pt#

003785 Stainless Steel butterfly valve 76mm, Partial shut-off for washing. Spare blue gasket is 115567. See image above

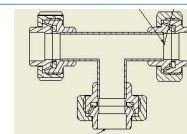
115432 Blue gasket for butterfly valves 50.8mm

115567 Blue gasket for butterfly valves 76mm

003712 Stainless Steel equal Tee 22mm x 1.5mm wall



193924 Stainless Steel equal Tee 22mm with fittings



003195 Stainless Steel equal Tee 40mm (1.5") 304



003196 Stainless Steel equal Tee 50mm (2") 316 See image above

070981 Stainless Steel milk manifold for swing arm



003719 Stainless Steel straight reducer 16-12mm



003291 Stainless Steel straight reducer 22-16mm See image above

003267 Stainless Steel straight reducer 40-32mm



003356 Stainless Steel straight reducer 50-40mm See image above

003290 Stainless Steel cone reducer 32 - 22mm



Clamp on Nipples

Fullwood pt#

003220 Clamp On Nipple Stainless Steel Straight 16mm (5/8") for 32-50mm pipe



003221 Clamp On Nipple Stainless Steel Straight 16mm (5/8") for 60-80mm pipe See image above

003222 Clamp On Nipple Stainless Steel Straight 16mm (5/8") for 80-100mm pipe See image above

003223 Clamp On Nipple Stainless Steel Straight 22mm (7/8") for 32- 51mm pipe See image above

003169 Clamp On Nipple Stainless Steel Straight 22mm (7/8") for 60-80mm pipe See image above

continuation of previous page

Fullwood pt#		
003225	Clamp On Nipple Stainless Steel Straight 22mm (7/8") for 80-100mm pipe	See image above
003312	Clamp On Nipple Stainless Steel straight 22mm (7/8") for 100 -110mm pipe 4" PVC	
003157	Clamp On Nipple Stainless Steel Straight 18mm - 32mm Tube hex key clamp	
003158	Clamp On Nipple Stainless Steel Straight 18mm-40mm Tube hex key clamp	See image above
003159	Clamp On Nipple Stainless Steel Straight 18mm-50mm Tube hex key clamp	See image above
003161	Clamp On Nipple Stainless Steel Straight 22mm-40mm Tube hex key clamp	See image above
003162	Clamp On Nipple Stainless Steel Straight 22mm-50mm Tube hex key clamp	See image above
003185	Clamp On Nipple with 3/8" BSP female inlet nipple fit 32mm-50mm pipe	
003186	Clamp On Nipple with 3/8" BSP female inlet nipple fit 60mm-80mm pipe	See image above
003187	Clamp On Nipple with 3/8" BSP female inlet nipple fit 80-100mm pipe	See image above
003183	Clamp On Nipple with 1/2" BSP female inlet nipple fit 32mm-50mm pipe	See image above
003184	Clamp On Nipple with 1/2" BSP female inlet nipple fit 60mm-80mm pipe	See image above
003179	Clamp On Nipple with 1/2" BSP female inlet nipple fit 80-100mm pipe	See image above
003182	Clamp On Nipple with 1" BSP female inlet nipple fit 32mm-50mm pipe	See image above
003181	Clamp On Nipple with 1" BSP female inlet nipple fit 60-80mm pipe	See image above
003180	Clamp On Nipple with 1" BSP female inlet nipple fit 80-100mm pipe	See image above
003788	Clamp On Nipple with 1" BSP female inlet nipple fit 100-115 mm pipe	See image above
003226	Clamp On Nipple with 90 deg bend 16mm (5/8) 52mm-32mm pipe	

continuation of previous page

Fullwood pt#

003229 Clamp On Nipple with 90 deg bend 22mm (7/8") for 32-51mm pipe



003230 Clamp On Nipple with 90 deg bend 22mm (7/8") for 60-80mm pipe

See image above

067585 Clamp On Drain valve 32mm tube to fit tubes with diameter D32, D40 and D51 (plastic drain cap is 035565)



067586 Clamp On Drain valve 63mm tube (plastic drain cap is 035565)

See image above

067587 Clamp On Drain valve 76mm tube (plastic drain cap is 035565) OBSOLETE - LIMITED STOCK AVAILABLE

See image above

035565 Milk Pump drain cap for all milk pump outlets, milk receivers, clamp on drain valves and Magnum milk filter



003310 Seal for Clamp On nipple 16mm on tube 32mm-51mm fits 003220/003226/003185



115379 Seal for Clamp On nipple 16mm on tube 63mm-76mm

See image above

003743 Seal for Clamp On nipple 16mm & 18mm on tube 90mm-115mm

See image above

115383 Seal for Clamp On nipple 18mm on tube 32mm-51mm

See image above

115380 Seal for Clamp On nipple 18mm on tube 63mm-90mm

See image above

003700 Seal for Clamp On nipple 22mm & 25mm on tube 32mm-51mm fits 003223

See image above

115381 Seal for Clamp On nipple 22mm & 25mm on tube 63mm-76mm

See image above

115382 Seal for Clamp On nipple 22mm & 25mm on tube 90mm-115mm

See image above

003311 Seal for Clamp On nipple 38mm on tube 51mm-80mm fits 003181

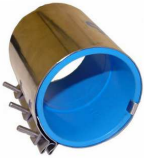
See image above

115378 Seal for Clamp On nipple 38mm on tube 80mm-100mm

See image above

Pipe Couplings & Spares

Fullwood pt#

003245	Stainless Steel pipe coupling 32mm (1 1/4") 2 nut type	
003246	Stainless Steel pipe coupling 40mm (1 1/2") 2 nut type	See image above
003247	Stainless Steel pipe coupling 50mm (2") 2 nut type	See image above
003248	Stainless Steel pipe coupling 63mm (2 1/2") 3 nut type	See image above
003249	Stainless Steel pipe coupling 76mm (3") 3 nut type	See image above
003750	Stainless Steel pipe coupling 101mm (4") 3 nut type	See image above
003285	Silicone sleeve blue for 003245 32mm (1 1/4") stainless pipe coupler	
003286	Silicone sleeve blue 40mm (1 1/2") for Stainless Steel pipe coupler 003246	See image above
003287	Silicone sleeve blue 50mm (2") for Stainless Steel pipe coupler 003247	See image above
115564	Silicone sleeve blue 63mm (2 1/2") for Stainless Steel pipe coupler 003248	See image above
003288	Silicone sleeve blue 76mm (3") for Stainless Steel pipe coupler 003249	See image above
003751	Silicone sleeve blue 101mm (4") for Stainless Steel pipe coupler 003750	See image above
003360	Stainless Steel expansion union 22mm DIN 11851	
003193	Stainless Steel expansion union 32mm (1 1/4") DIN 11851	See image above
003194	Stainless Steel expansion union 40mm (1 1/2") DIN 11851	See image above
003708	Seal for 003360 22mm DIN stainless steel expansion union	
003262	Seal for 003193 32mm (1 1/4") stainless steel expansion union	
003274	Seal for 003194 40mm (1 1/2") stainless steel expansion union	See image above

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Fullwood pt#

003192 Stainless steel expansion union 50mm (2") RJT BS4825



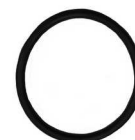
003191 Stainless steel expansion union 76.2mm (3") RJT BS4825

See image above

072438 Seal for 003192 2"RJT Stainless expanding union



035064 Rubber Seal for 003191 3" RJT Stainless expanding union



003330 Stainless Steel coupling weld on SMS 50mm (2")



003331 Stainless Steel coupling weld on SMS 76.2mm (3")

See image above

003332 Stainless Steel coupling weld on SMS 101.6mm (4")

See image above

003835 Seal for 003330 2"SMS

072734 Seal for 003331 3"SMS
Sealing rubber between nut and Magnum filter body
Bulk Tank washed outlet seal 3"



003742 Seal for 003332 4"SMS

See image above

003860 16mm Tri-Clover Clamp Seal EPDM



003861 16mm Clamp for Tri-Clover



003859 16mm Ferrule



089794 22mm Tri-Clover Clamp Seal EPDM

See image above

089795 22mm Clamp for Tri-Clover

See image above

089793 22mm Ferrule

See image above

continuation of previous page

Fullwood pt#		
003335	1" Tri-Clover Clamp Seal EPDM	
003336	1"-1 1/2" Clamp for Tri-Clover	See image above
003334	1" Ferrule for clamp fitting	See image above
003731	32mm Weld On Tri-Clover Coupling	
003732	40mm Weld On Tri-Clover Coupling	See image above
003729	2" Weld On Tri-Clover Coupling	See image above
003721	2" Tri-Clover Clamp Seal EPDM	
003722	2" Clamp for Tri-Clover	See image above
003720	2" Ferrule	See image above
003877	2 1/2" Tri-Clover Clamp Seal ISO2852	See image above
003878	2 1/2" Clamp for Tri-Clover	See image above
003876	2 1/2" Ferrule	See image above
003730	3" Weld On Tri-Clover Coupling	See image above
003724	3" Tri-Clover Clamp Seal EPDM	See image above
003725	3" Clamp for Tri-Clover	See image above
003723	3" Ferrule	See image above
003857	3 1/2" Tri-Clover Clamp Seal EPDM	See image above
003858	3 1/2" Clamp for Tri-Clover	See image above
003856	3 1/2" Ferrule	See image above
003314	4" Weld On Tri-Clover Coupling	See image above
003727	4" Tri-Clover Clamp Seal EPDM for 003314	See image above
003728	4" Clamp for Tri-Clover	See image above
003726	4" Ferrule	See image above

Milk Line Fittings Spares Jar

Fullwood pt#

031990 Top rubber seating ring for jar bracket**032039** Anti vortex plate for 7 Gallon jar**032060** Rubber seating ring for glass jar bracket**032067** Galvanised bottom ring for glass jar OBSOLETE - LIMITED STOCK AVAILABLE**024430** Clamp saddle**032162** Glass jar only for sanitary trap**032173** Plastic lid assembly for 2 gallon sanitary trap 032162**030146** 15.5id Rubber Stick Pad**032185** Retaining strap rubber 180mm long OBSOLETE - LIMITED STOCK AVAILABLE**033019** Rubber lid for 200mm OD jar with 2 stainless steel nipples, 1 x 50mm, 1 x 37mm with movable spray plate**033035** Rubber lid for 200mm OD jar with 3 stainless steel nipples, 3 x 37mm ss nipples - one with movable spray plate**033190** Rubber lid for receiver jar assy 3 x 2" stainless steel nipples

Milk Line Tools

Fullwood pt#

003704	Expanding tool 22mm	
003237	Expanding tool 32mm (1 1/4")	See image above
003238	Expanding tool 40mm (1 1/2")	See image above
003239	Expanding tool 50mm (2 ")	See image above
003240	Expanding tool 3"	See image above
003242	40mm Tube - Cutting clamp	
003243	2" Tube - Cutting clamp	
003706	3" C spanner	
003705	4.75" C spanner	See image above
003253	Spanner for 1.25" & 40mm SMS Union	
003252	Spanner for 2"RJT Union	

Air Purge

Fullwood pt#

166550	Single Milk Pump delivery line air purge FU32mm outlet includes 1x166552, 1x166519 plus fittings
166551	Twin Milk Pump delivery line air purge FU32mm outlet includes 1x166552, 2x166519 plus fittings
166570	Single Milk Pump delivery line air purge NW40mm outlet includes 1x166552, 1x166542 plus fittings
166571	Twin Milk Pump delivery line air purge NW40mm outlet includes 1x166552, 2x166542 plus fittings
166552	Air Purge Control Box Festo (Air Timer)



166519	Burkert valve 8mm & milk pump outlet FU32
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166542	Burkert valve 15mm & milk pump outlet NW40
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166579	Air Purge Filter Kit
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107665	Filter Cartridge MS6-LFP-E (latest Festo version)
107666	Filter Cartridge MS6-LFM-B (latest Festo version)
107667	Filter Cartridge MS6-LFX (latest Festo version)
107357	LFMPB-M3 Filter Cartridge (early Festo version)
107358	LFMPA-M3 Filter Cartridge (early Festo version)
107359	LFMPX-M3 Filter Cartridge (early Festo version)
166583	Air Purge Filter Element E371x1 (for second air purge system)
166585	Air Purge Filter Element E371xA (for second air purge system)
166587	Air Purge Filter Element E371AC (for second air purge system)
091059	Filter Element(K-017AO) (for first air purge system)
091060	Filter Element(K-017AA) (for first air purge system)
091061	Filter Element(K-017ACS) (for first air purge system)
107406	10mm Blue PUNH Tube>



107375	4mm Natural tube
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Fullwood pt#		
004838	QST-10 Push-in tee connector	
107337	QSTL-3/8-10 Push-in tee fitting	
107370	Tee 3/8-8	
004840	QS-3/8-10 Push-in connector	
107351	QS-1/8-8 Plug-in connector	
107352	QSL-R1/8-4L-Elbow connector	
007312	10mm-4mm Tube end reducer	
107353	QSC-4 Push-in cap	
107347	QSC-8 Push-in cap	See image above
007310	8mm Push fit non-return valve	
107376	10mm Push fit non-return valve	
107455	0-4 Bar Regulator	

CombiFast Glide Unit

Fullwood pt#

142800 CombiFast Glide unit for vacuum pulsator including blanking cap

CombiFast Glide Unit with Vacuum Pulsator

Fullwood pt#

142880 Vacuum pulsator adaptor for CombiFast glide unit 15.5mm**042948** QM 14mm Connector with O ring

CombiFast Glide Unit with Electronic Pulsator

Fullwood pt#

142812 CombiFast glide unit with LP30 pulsator including pulsator adaptor OBSOLETE - LIMITED STOCK AVAILABLE

CombiFast Station for Vacuum Pulsator

Fullwood pt#

142841 CombiFast standard station for 50mm/2" milk line

CombiFast Station for Electronic Pulsator

Fullwood pt#

142846 CombiFast electric station 2 pins for 50.8mm milk line

CombiFast Station Spares

Fullwood pt#

142880 Vacuum pulsator adaptor for CombiFast glide unit 15.5mm



Dari Line

Fullwood pt#

030770 Dari Line 2" Basic Station Assembly



030795 Dari Line 2" Washing station Assembly



030794 Dari Line 2" Electric Station Assembly



030910 Dari Line Reject Station



030929 Dari Line 2.5" Electric Station



030772 Dari Line 2" Glide Electrical



030788 Dari Line 2" Glide with Unitron Pulsator

030840 Dari Line 2" Glide Kit including Fulpuls II

030913 Reject Fulpuls Glide Kit

030914 Reject Dari Line Glide Assembly

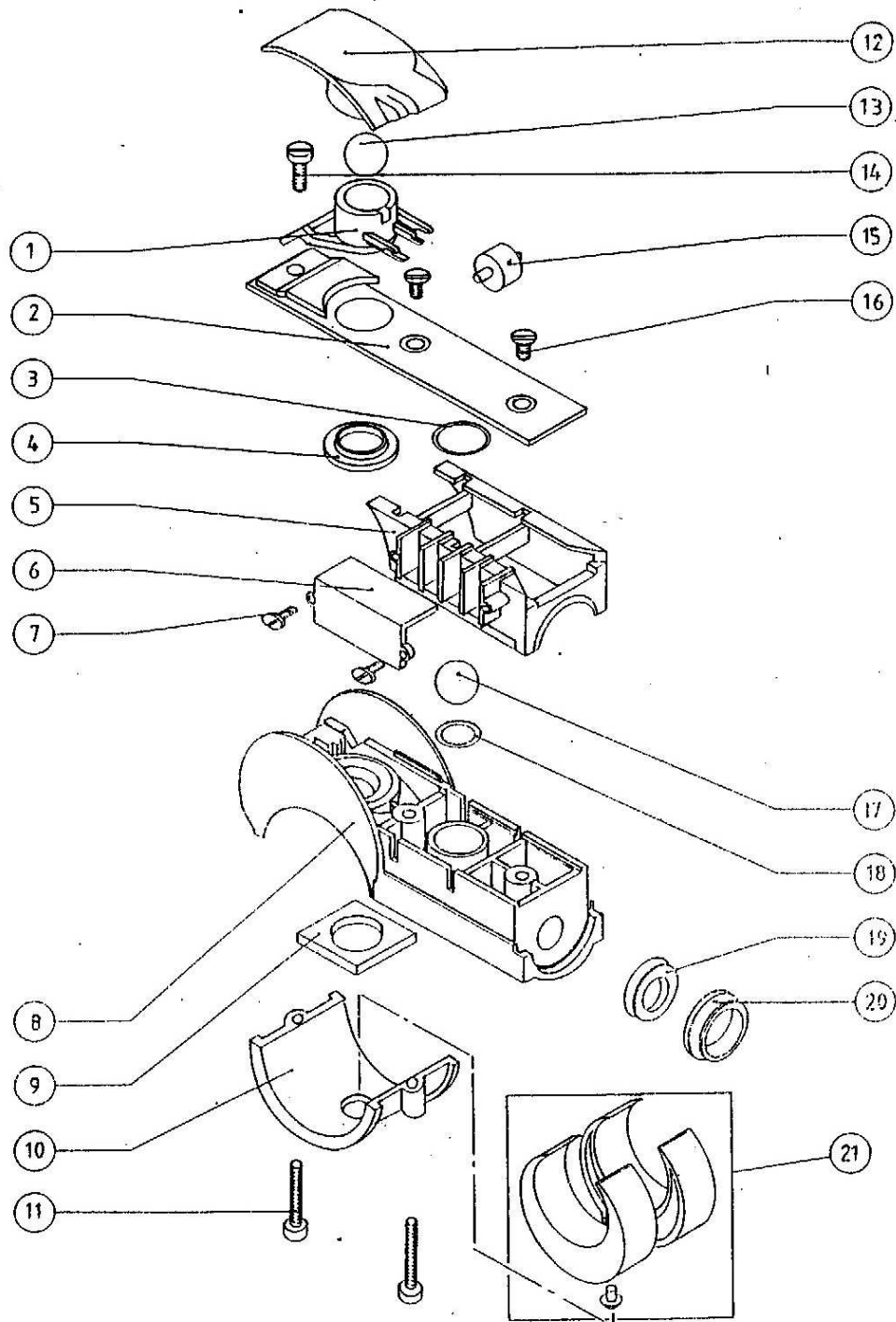
030946 Dari Line 2.5" Electric Glide MINIMUM ORDER QUANTITY 10



030938 Dari Line 2.5" Standard Glide MINIMUM ORDER QUANTITY 10



Dari Line 2" Station Diagram



Dari Line 2" Station Parts Listing

Fullwood pt#

030785 Dari Line Ball Carrier Moulding - 2" Dari Line (Diagram Item 1), 2.5" Dari Line (Diagram Item 4)



030797 Dari Line Assembly Plate 1.5" Stainless steel for 2" station (Diagram Item 2)

007634 Large O-ring - 2" Dari Line (Diagram Item 3) 2.5" Dari Line (Diagram Item 17) Bitron (Diagram Item 9) Unitron (Diagram Item 10) Pulsman (Diagram Item 6)



030779 Dari Line Main Body Rubber Seal - 2" Dari Line (Diagram Item 4), 2.5" Dari Line (Diagram Item 5)



030776 Dari Line Slide Moulding for Basic Station - 2" Dari Line (Diagram Item 5), 2.5" Dari Line (Diagram Item 6)

030825 Dari Line Slide Moulding for Electric Station - 2" Dari Line (Diagram Item 5), 2.5" Dari Line (Diagram Item 7)



000591 Self tapping screw (Diagram Item 7)

030816 Dari Line 2" main body moulding (Diagram Item 8)



030778 Seal Milk Line Dari Line Station 030929 (Diagram Item 9)



030784 Dari Line Cap Moulding (Diagram Item 10)

000952 Screw (Diagram Item 11)

030787 Dari Line Ball Carrier Cover Moulding (Diagram Item 12)

030790 Dari Line Stainless Steel Ball 20mm Diameter - 2" Dari Line (Diagram Item 13), 2.5" Dari Line (Diagram Item 2)



000558 Screw - 2" Dari Line (Diagram Item 14), 2.5" Dari Line (Diagram Item 3)

030786 Dari line ball carrier moulding roller - 2" Dari Line (Diagram Item 15), 2.5" Dari Line (Diagram Item 14)



continuation of previous page

Fullwood pt#

030789 Dari Line Stainless Steel Ball 18mm Diameter - 2" Dari Line (Diagram Item 17), 2.5" Dari Line(Diagram Item 19)



007647 Small O ring - 2" Dari Line (Diagram Item 18), 2.5" Dari Line(Diagram Item 20)

030775 Dari Line Seal Spreader - 2" Dari Line (Diagram Item 19), 2.5" Dari Line(Diagram Item 21)



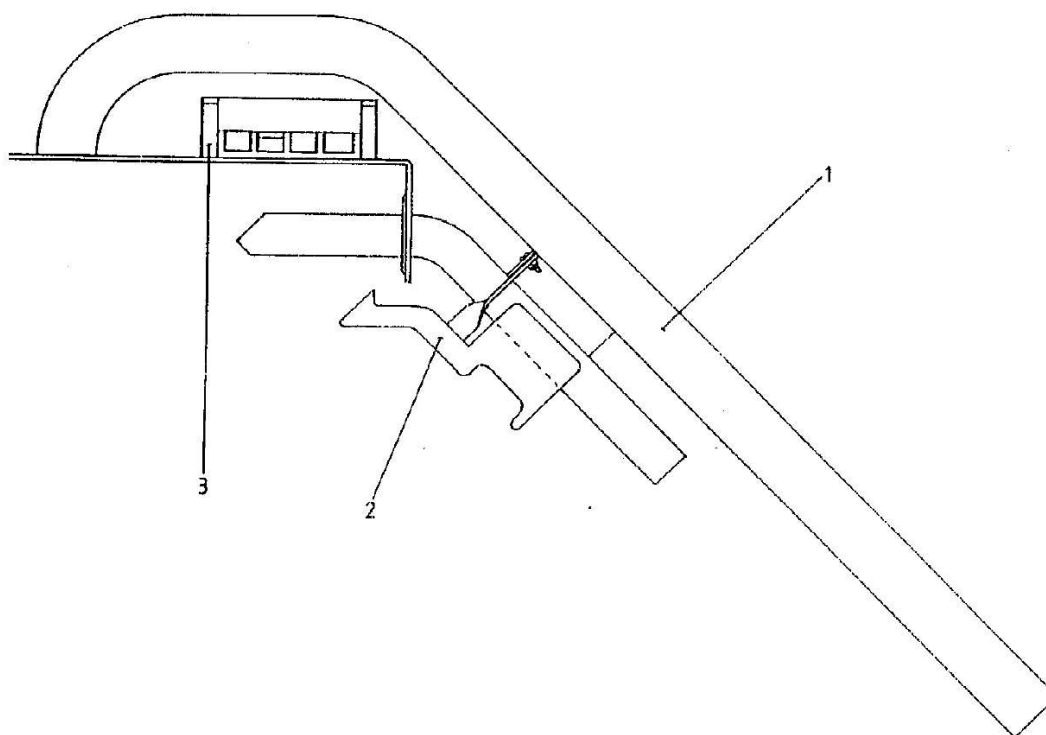
007644 Seal Front Dari line Station 2.5" 030929/030944 - 2" Dari Line (Diagram Item 20), 2.5" Dari Line(Diagram Item 22)



030805 Dari Line adaptor 50mm to 40mm (Diagram Item 21)



Dariline glide & trigger assembly diagram



Dariline 2" glide & trigger assembly parts listing

Fullwood pt#

030780 Dari Line 2" Glide Standard (Diagram Item 1)



030817 Dari Line Trigger assembly (Diagram Item 2)



030796 Glide terminal block assembly (Diagram Item 3)



Dari Line Accessories

Fullwood pt#

030600 Dari Line 32mm Socket & Switch Assembly



030608 Dari Line 32mm Connector less Switch



030610 Dari Line 32mm Socket Moulding



030614 Dari Line 40mm Socket Moulding



022305 Dari Line 1 " Prong



022306 Dari Line 1.5" Prong



005403 Dari Line Micro switch - Otehall



030832 Dari Line 2" Cap with Fixing Flange



030840 Dari Line 2" Glide Kit including Fulpuls II

030843 Dari Line Station Support Kit

030844 Dari Line intermediate Support Kit

030850 Dari Line Station Support Kit Export Market - Retrofit

030955 Dari Line Station Vacuum Connection Kit

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Fullwood pt#

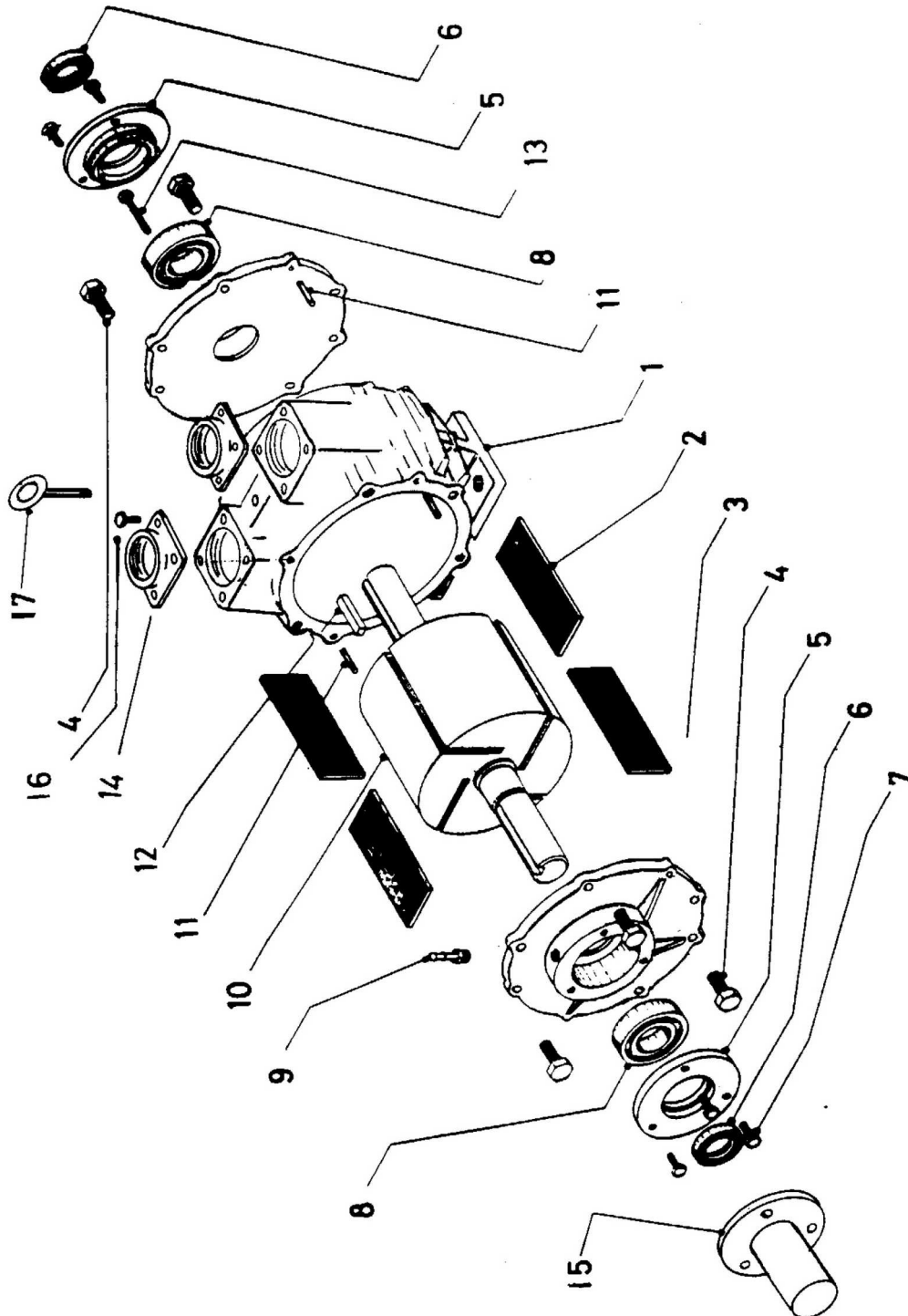
030857 Dari Line Tape Diecut OBSOLETE - LIMITED STOCK AVAILABLE



Vacuum System



Ambassador Vacuum Pump Diagram



Ambassador Vacuum Pump Part Listing

Fullwood pt#

041980 Ambassador Vacuum Pump assembly (blue)



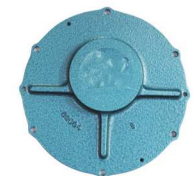
041996 Ambassador Vacuum Pump Body (Diagram Item 1)



041117 Ambassador Rotor Blade (vane) each (Diagram Item 2) MINIMUM ORDER QUANTITY 4



041997 Ambassador end cap (Diagram Item 3)



000406 M8 x 25 Screw (Diagram Item 4)

041738 Bearing Plate for Ambassador/Q4/Q3/FR4S vacuum pumps (Diagram Item 5)



007606 Oil seal (Diagram Item 6)



000909 M6 x 16 Screw (Diagram Item 7)

007553 End Cap bearing for Ambassador (Diagram Item 8) & Q range & FR4S vacuum pumps (Diagram Item 14)



003510 Brass male adapter for oil pipe connection for all Fullwood vacuum pumps Ambassador (Diagram Item 9) Q4/Q3/FR pumps (Diagram Item 16)



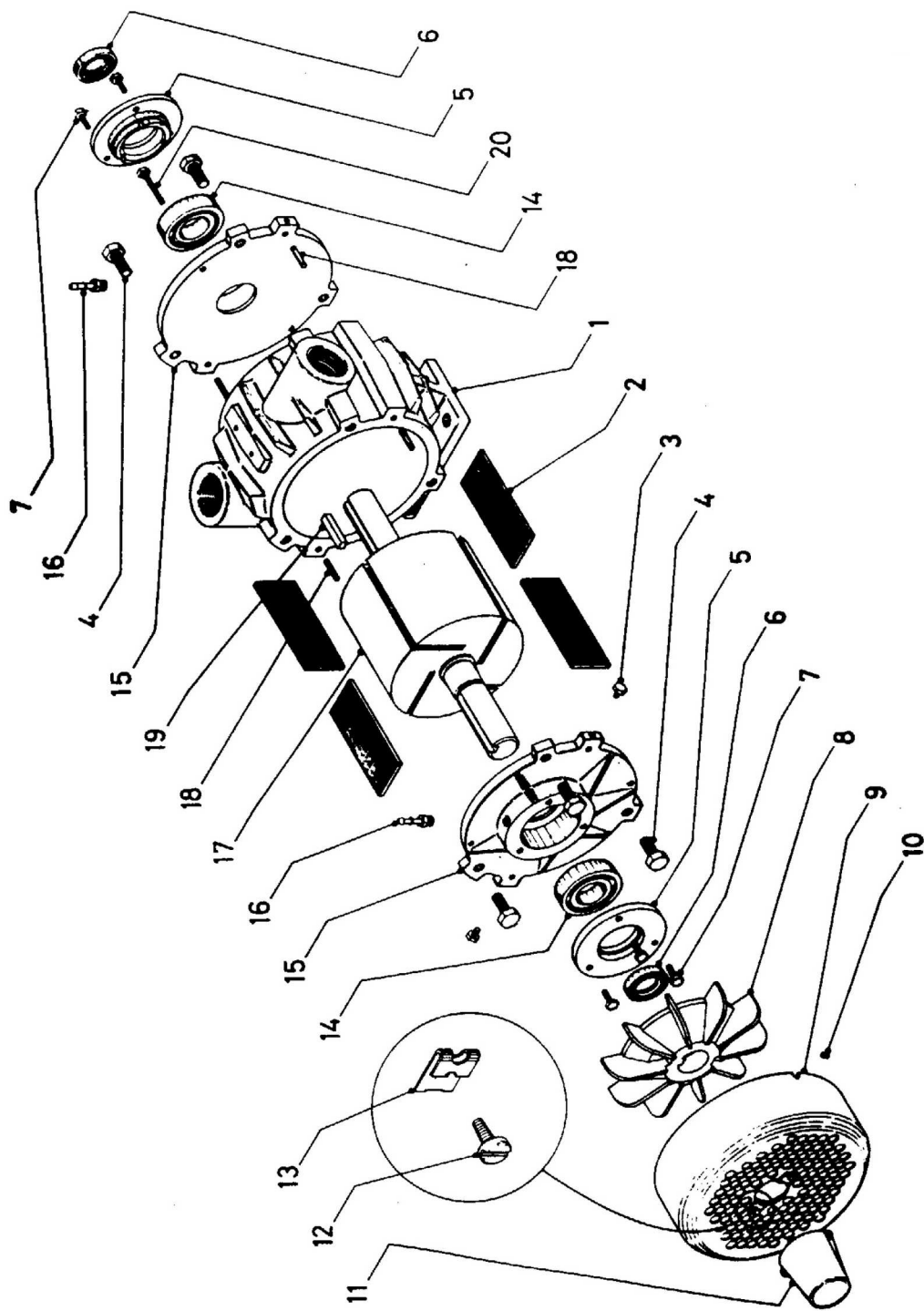
041163 Ambassador rotor (Diagram Item 10)

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Fullwood pt#

001924	1/4" x 1" Dowel Pin hard steel Ambassador (Diagram Item 11) Q4/Q3/FR (Diagram Item 18)
046193	Key 7mm x 8mm x 40mm long Ambassador (Diagram Item 12) Q4/Q3/FR (Diagram Item 19)
000680	M6 x 40 Screw Ambassador (Diagram Item 13) Q4/Q3/FR (Diagram Item 20)
041998	3" Flange (Diagram Item 14)
000502	M8 x 20 Screw (Diagram Item 16)
000220	Eye Bolt (Diagram Item 17)
041046	Ambassador Service Kit including 4 x 041117 blades, 2 x 007553 bearings, 2 x 007606 oil seals

Q4 Vacuum Pump Diagram



Q4 Vacuum Pump Part Listing

Fullwood pt#

041840 Q4 Vacuum Pump assembly



045717 Q4 Monoblock Assembled - less electric motor. Q4 vacuum pump with interceptor vessel, Servac, belt guard, pulley, silencer, oiler & 5 ltr oil



041409 Q4/FR4 Vacuum pump body (Diagram Item 1)



041115 Q4 Rotor Blade (vane) each (Diagram Item 2) MINIMUM ORDER QUANTITY 4



000626 Fan Cover Fixing Screw (Diagram Item 3)

000678 End Cap Fixing Screw (Diagram Item 4)

041738 Bearing Plate for Ambassador/Q4/Q3/FR4S vacuum pumps (Diagram Item 5)



007606 Oil seal (Diagram Item 6)



000909 M6 x 16 Screw (Diagram Item 7)

041739 Fan 10 vane type for all Fullwood vacuum pumps (Diagram Item 8)



041582 Fan Cover Guard (Diagram Item 9)

000944 Grubscrew Standard Pump (Diagram Item 14) Hy-Cap (Item 3) Vac pumps (Diagram Item 10)

041599 Rotor protective cover for all Fullwood vacuum pumps (Diagram Item 11)

000941 Self Tapping Screw (Diagram Item 12)

005810 J Clip (Diagram Item 13)

continuation of previous page

Fullwood pt#

007553 End Cap bearing for Ambassador (Diagram Item 8) & Q range & FR4S vacuum pumps (Diagram Item 14)



041849 Q4 end cap (Diagram Item 15)



003510 Brass male adapter for oil pipe connection for all Fullwood vacuum pumps Ambassador (Diagram Item 9) Q4/Q3/FR pumps (Diagram Item 16)



041162 Q4 Rotor (Diagram Item 17)

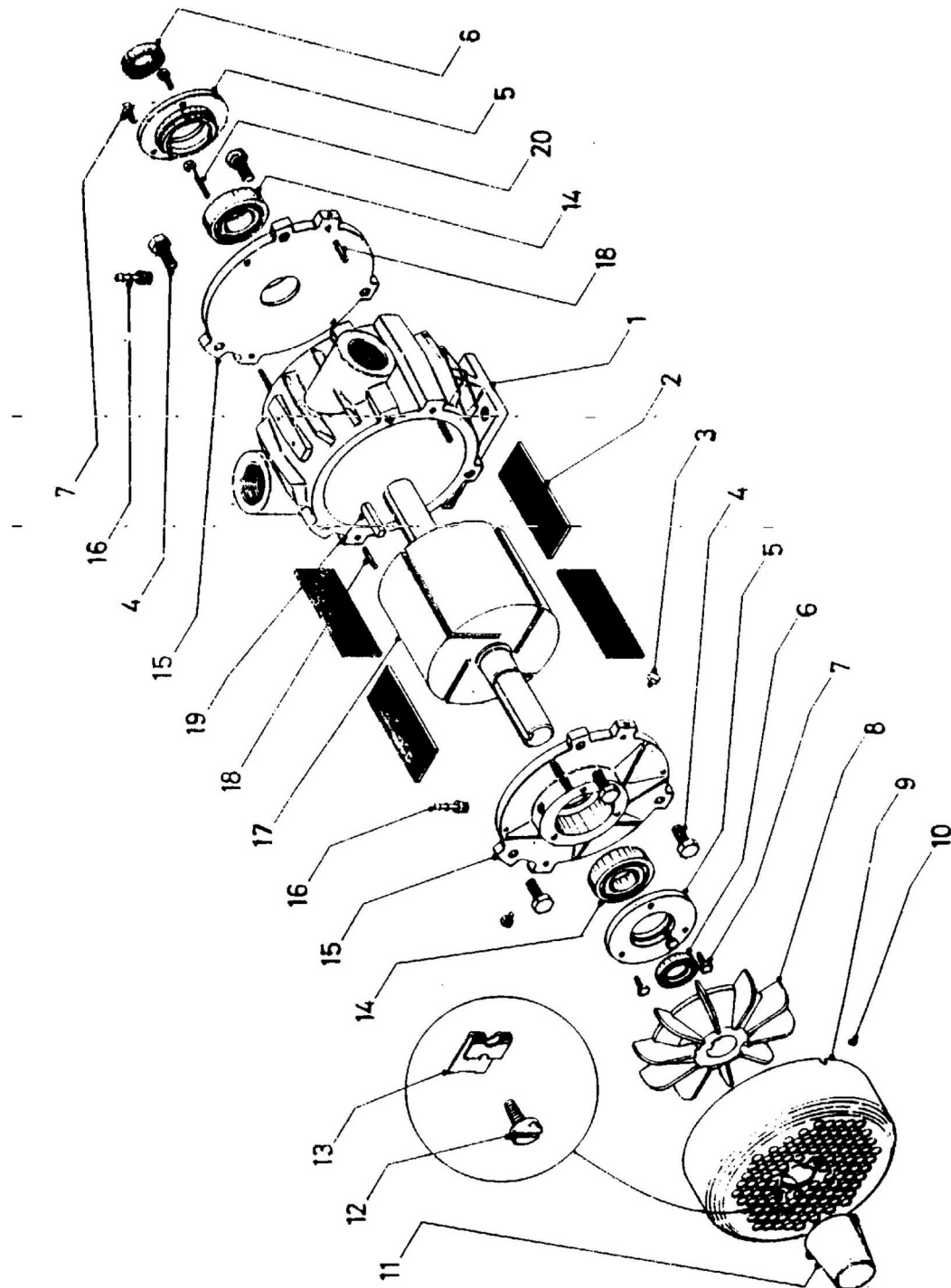
001924 1/4" x 1" Dowel Pin hard steel Ambassador (Diagram Item 11) Q4/Q3/FR (Diagram Item 18)

046193 Key 7mm x 8mm x 40mm long Ambassador (Diagram Item 12) Q4/Q3/FR (Diagram Item 19)

000680 M6 x 40 Screw Ambassador (Diagram Item 13) Q4/Q3/FR (Diagram Item 20)

041047 Q4 Service Kit including 4 x 041115 blades, 2 x 007553 bearings, 2 x 007606 oil seals

Q3 Vacuum Pump Diagram



Q3 Vacuum Pump Part Listing

Fullwood pt#

041852 Q3 Vacuum Pump Assembly**045718** Q3 Monoblock Assembled - less electric motor. Q3 vacuum pump with interceptor vessel, Servac, belt guard, pulley, silencer, oiler & 5 ltr oil**041408** FR3 Vac pump body (Diagram Item 1)**041114** Q3 Rotor blade (vane) each (Diagram Item 2) MINIMUM ORDER QUANTITY 4**000626** Fan Cover Fixing Screw (Diagram Item 3)**000678** End Cap Fixing Screw (Diagram Item 4)**041738** Bearing Plate for Ambassador/Q4/Q3/FR4S vacuum pumps (Diagram Item 5)**007606** Oil seal (Diagram Item 6)**000909** M6 x 16 Screw (Diagram Item 7)**041739** Fan 10 vane type for all Fullwood vacuum pumps (Diagram Item 8)**041847** Fan cover for Q range of Vacuum pumps (Diagram Item 9)**000944** Grubscrew Standard Pump (Diagram Item 14) Hy-Cap (Item 3) Vac pumps (Diagram Item 10)**041599** Rotor protective cover for all Fullwood vacuum pumps (Diagram Item 11)**000941** Self Tapping Screw (Diagram Item 12)**005810** J Clip (Diagram Item 13)**007553** End Cap bearing for Ambassador (Diagram Item 8) & Q range & FR4S vacuum pumps (Diagram Item 14)

continuation of previous page

Fullwood pt#

041849 Q4 end cap (Diagram Item 15)



003510 Brass male adapter for oil pipe connection for all Fullwood vacuum pumps Ambassador (Diagram Item 9) Q4/Q3/FR pumps (Diagram Item 16)



041161 Q3 Rotor (Diagram Item 17)

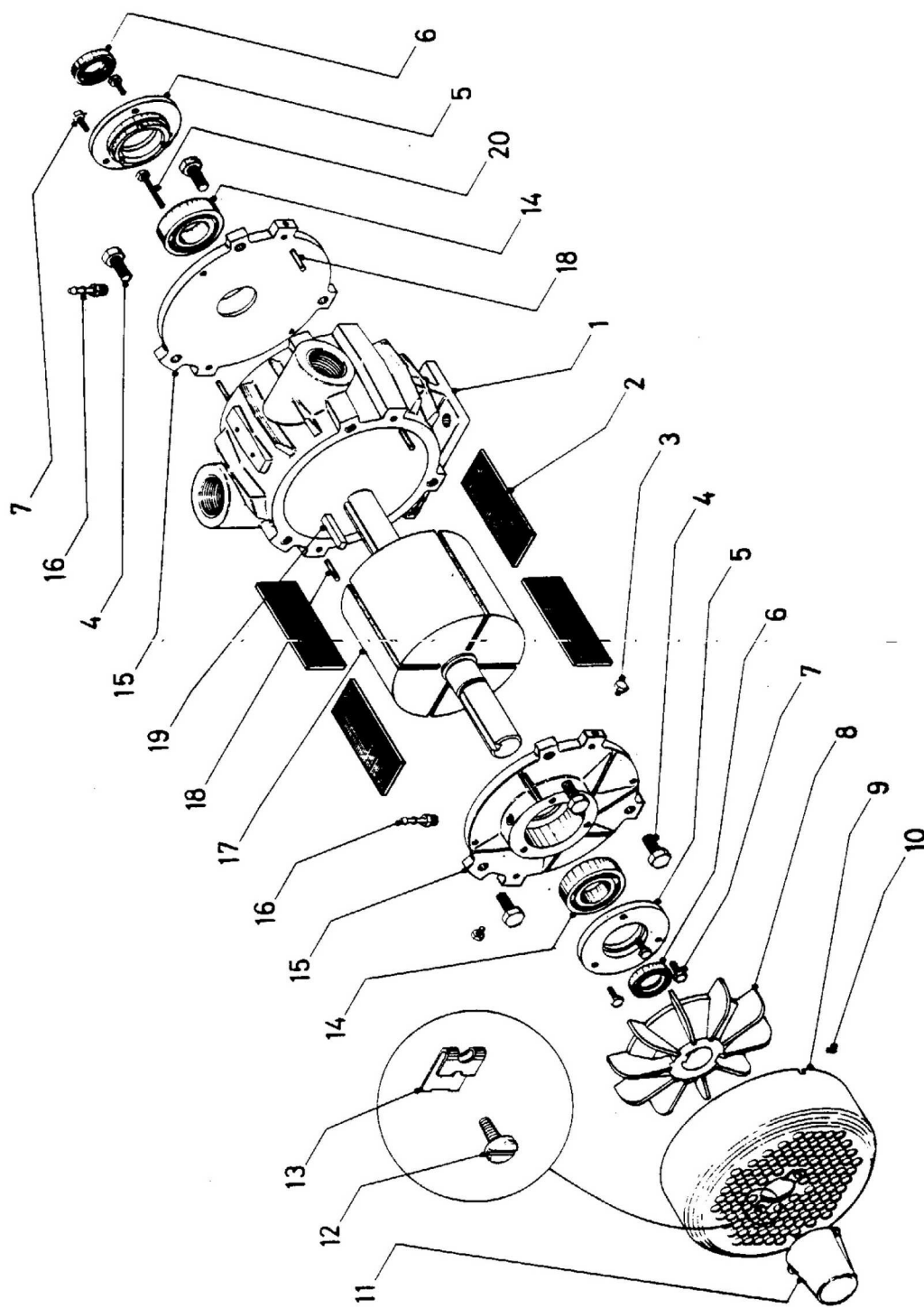
001924 1/4" x 1" Dowel Pin hard steel Ambassador (Diagram Item 11) Q4/Q3/FR (Diagram Item 18)

046193 Key 7mm x 8mm x 40mm long Ambassador (Diagram Item 12) Q4/Q3/FR (Diagram Item 19)

000680 M6 x 40 Screw Ambassador (Diagram Item 13) Q4/Q3/FR (Diagram Item 20)

041048 Q3 Service Kit including 4 x 041114 blades, 2 x 007553 bearings, 2 x 007606 oil seals

FR Vacuum Pumps Diagram



FR Vacuum Pumps Part Listing

Fullwood pt#

041562 FR2 Vacuum Pump Assembly

041407 FR2 Vac pump body (Diagram Item 1)



041408 FR3 Vac pump body (Diagram Item 1)

041409 Q4/FR4 Vacuum pump body (Diagram Item 1)



041110 FR2 Rotor blade (vane) each (Diagram Item 2) MINIMUM ORDER QUANTITY 4



041111 FR3 Rotor blade (vane) each (Diagram Item 2) MINIMUM ORDER QUANTITY 4

See image above

041112 FR4 Rotor Blade (vane) each (Diagram Item 2) MINIMUM ORDER QUANTITY 4

See image above

041118 FR4S Rotor blade (vane) each (Diagram Item 2) MINIMUM ORDER QUANTITY 4

See image above

000626 Fan Cover Fixing Screw (Diagram Item 3)

000678 End Cap Fixing Screw (Diagram Item 4)

041738 Bearing Plate for Ambassador/Q4/Q3/FR4S vacuum pumps (Diagram Item 5)



041550 Bearing plate FR2, FR3, FR4 (Diagram Item 5)

See image above

007606 Oil seal (Diagram Item 6)



000909 M6 x 16 Screw (Diagram Item 7)

041347 Fan for FR range of vacuum pumps (Diagram Item 8)



continuation of previous page

Fullwood pt#

041589	FR Fan Cover range of vacuum pumps (Diagram Item 9)	
000944	Grubscrew Standard Pump (Diagram Item 14) Hy-Cap (Item 3) Vac pumps (Diagram Item 10)	
041599	Rotor protective cover for all Fullwood vacuum pumps (Diagram Item 11)	
000941	Self Tapping Screw (Diagram Item 12)	
005810	J Clip (Diagram Item 13)	
007546	End Cap bearing for FR2, FR3, FR4 of vacuum pumps (Diagram Item 14)	
007553	End Cap bearing for Ambassador (Diagram Item 8) & Q range & FR4S vacuum pumps (Diagram Item 14)	
041551	End cap FR range of vacuum pumps (Diagram Item 15)	
001924	1/4" x 1" Dowel Pin hard steel Ambassador (Diagram Item 11) Q4/Q3/FR (Diagram Item 18)	
003510	Brass male adapter for oil pipe connection for all Fullwood vacuum pumps Ambassador (Diagram Item 9) Q4/Q3/FR pumps (Diagram Item 16)	
046193	Key 7mm x 8mm x 40mm long Ambassador (Diagram Item 12) Q4/Q3/FR (Diagram Item 19)	
000680	M6 x 40 Screw Ambassador (Diagram Item 13) Q4/Q3/FR (Diagram Item 20)	
041323	Vacuum Pump wick for FR range of vacuum pumps MINIMUM ORDER QUANTITY 50	
041049	FR4 Service Kit including 4 x 041112 blades, 2 x 007546 bearings, 2 x 007606 oil seals	
041050	FR3 Service Kit including 4 x 041111 blades, 2 x 007546 bearings, 2 x 007606 oil seals	
041051	FR2 Service Kit including 4 x 041110 blades, 2 x 007546 bearings, 2 x 007606 oil seals	

PF20 Vacuum Pump

Fullwood pt#

041116	PF20 Rotor blade (vane) each. MINIMUM ORDER QUANTITY 4	
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Fullwood Vacuum Pumps

are used effectively in milking parlours and industry across the world. The range of models includes the Q3 and Q4 pumps designed to reduce power consumption whilst having a quieter running level. The Ambassador is designed for the large herd where only one vacuum pump is required and for industrial use.

Performance Capabilities -Table 1

Part Number	Vacuum Pump Model & Speed		50kPa			44kPa			37kPa		
	Model	Speed R.P.M	Lit/Min	Rec'd motor kW	Typical Power Cons'n	Lit/Min	Rec'd motor kW	Typical Power Cons'n	Lit/Min	Rec'd motor kW	Typical Power Cons'n
041980	Ambassador	800	2100	5.00	4.40	2400	5.00	4.20	2700	5.00	4.00
		1028	2850	7.50	6.00	3225	7.50	5.90	3675	7.50	5.70
041840	Q4	1200	1800	4.0	4.0	2100	4.0	3.8	2500	3.0	2.8
		1028	1500	3.0	3.0	1700	3.0	2.77	2000	3.0	2.44
		809	1150	3.0	2.18	1350	3.0	1.99	1500	3.0	1.75
041852	Q3	1028	900	2.2	1.95	1000	2.2	1.80	1200	2.2	1.60
		809	809	2.2	1.55	775	1.5	1.40	925	1.5	1.23
041562	FR2	1440	580	1.5	1.50	650	1.5	1.41	750	1.5	1.29
		1028	380	1.1	1.03	450	1.1	0.96	520	1.1	0.88
041751	PF20	1440	250	1.1	1.00	300	1.1	0.91	365	1.1	0.79
		1028	140	0.75	0.65	190	0.75	0.59	240	0.75	0.52

***NB** Where the power supply to be used is single phase only, check with your Electricity authority that motors of this size can be used. Performance varies with altitude.

The performance figures for the Q3 and Q4 vacuum pumps were obtained, as stated, at 1200, 1028 and 809 rpm. These speeds are rarely achievable precisely with available commercial pulleys as will be seen from the pulley chart below. Moreover, full load motor speeds also vary.

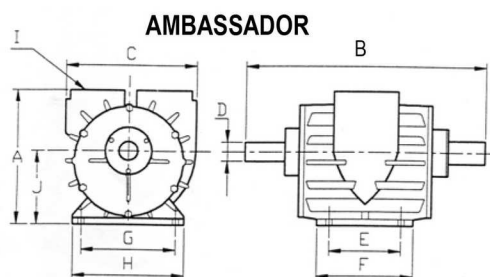
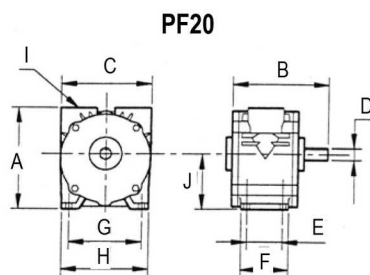
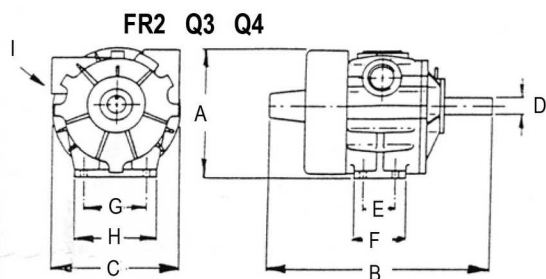
The pump capacities should be taken as stated on the vacuum pump label. Exhaust back pressure should not exceed 5kPa.

THE MAXIMUM RECOMMENDED SPEED OF THE Q3 IS 1028 AND 1200 RPM FOR THE Q4 AND MUST NOT BE EXCEEDED.

Pulley Diameter				Vacuum Pump RPM
Electric Motor		Vacuum Pump		
mm	in.	mm	in.	
100	3.937	178	7.0	809
127	5.0	178	7.0	1028
127	5.0	152	6.0	1200
127	5.0	127	5.0	1440

Weights and Pack Dimensions					
Type	Nett Weight Kg	Packed Weight Kg	Length cms	Width cms	Depth cms
Ambassador	84	104	61	37	50
Q4	52	54	58	24	26
Q3	36	38	49	24	26
FR2	26	28	43	24	26
PF20	13	15	22	17	21

Type	A	B	C	D	E	F	G	H	I	J	
FR2	211 8.293	355 14.000	210 8.250	28	51 2.000	82.5 3.250	101.5 4.000	133.5 5.250	1¼" BSP	118 4.645	mm inches
Q3	211 8.293	419 16.500	210 8.250	28	111 4.375	162 6.375	165 6.500	197 7.750	2" BSP	118 4.645	mm inches
Q4	211 8.293	518 20.38	215 8.500	28	203 8.000	254 10.000	165 6.500	197 7.750	2" BSP	118 4.645	mm inches
Ambassador	310 12.250	518 20.500	275 10.875	28	175 7.000	202 8.000	210 8.250	250 9.875	3" BSP	152 6.000	mm inches
PF20	175 6.875	180 7.000	150 6.000	19	54 2.125	80 3.150	120 4.750	150 6.000	1" BSP	94 3.700	mm inches



Typical Noise Levels

Type	RPM	dB
Ambassador	800	73
	1028	75
Q4	1200	76
	1028	74
	809	71
Q3	1028	73
	809	71
FR2	1440	77
	1028	72
PF20	1440	78
	1028	74

Vee Belts

Part No.	Size Inches & mm	Part No.	Size Inches & mm
040404	A35 A920	040431	A51 A1330
040406	A38 A990	040432	A48 A1250
040407	A42 A1100	040438	A40 A1050
040408	A44 A1150	040443	A50 A1300
040409	A46 A1200	040444	A39 A1020
040410	A55 A1430	040445	A52 A1360

Pulleys

Part No.	Diameter	Bore	No. of Vees	Part No.	Diameter	Bore	No. of Vees
040462	90mm	19mm	1A	040476	200mm	½"	1A
040464	3.5"	24mm	1A	040508	4"	38mm	1A
040466	100mm	28mm	2A	040544	5"	38mm	2A
040467	100mm	19mm	1A	040550	5"	28mm	2A
040468	100mm	24mm	1A	040552	7"	28mm	2A
040471	100mm	24mm	2A	040556	6"	28mm	2A
				040573	5"	24mm	2A

Vacuum Pump Accessories

Fullwood pt#

041000 1 1/2 " BSP Galvanised silencer for vacuum pump



041009 2 " BSP Galvanised silencer for vacuum pump



041010 3 " BSP Galvanised silencer for vacuum pump



073133 Universal Oil Reservoir 500ml



041765 Anti reversing flap for vacuum pumps fits up to 2"BSP



040640 18" slide rail



040600 Universal baseplate



continuation of previous page

Fullwood pt#

040648 Baseplate fixing kit



040710 Pulley belt guard kit comprising 040711 pulley belt guard assembly, screws, nuts & washers



Interceptor Vessel

Fullwood pt#

141249 Stainless Steel Interceptor vessel 234ltr for Blower Vacuum Pump, 4" inlet & outlet, 2 filters, shut off ball inside, float switch for protection, flap valve



141248 Stainless Steel Interceptor vessel 234ltr for Blower Vacuum Pump, 6" inlet & outlet, 2 filters, shut off ball inside, float switch for protection, flap valve

See image above

141246 Seal for stainless steel vacuum tank 141249, 1540mm long



141310 Filter for stainless steel vacuum tank 141248 & 141249 234ltr interceptor vessels (order 2 off)



141247 Level switch for stainless steel vacuum tank

067556 Interceptor drain elbow with stainless steel flap



continuation of previous page

Fullwood pt#

141263 Tall stainless steel interceptor vessel (141249) overhaul kit includes 1 x 141246 seal & 1 x 067556 interceptor drain elbow with flap

044191 Interceptor vessel PVC type 3" PVC outlets for Ambassador pumps



044190 Interceptor vessel Kit 3" PVC outlets for Ambassador pumps (includes 044191, mounting bracket and float switch 044189)

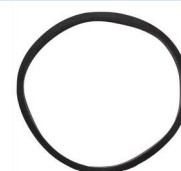


044189 Float Switch Horizontal ext mtg for 044191 3" PVC interceptor vessel Ambassador pumps



044187 Service Kit for Ambassador Interceptor Vessel including 1 x 044188 rubber seal & 1 x 045750 drain valve assy

044188 Rubber seal for 044191 3" PVC interceptor vessel Ambassador pumps



045750 Bottom drain valve assembly for Monobloc, Megavac & Ambassador interceptor vessel



044113 Flap valve for vacuum interceptor vessel 044102/103/140



044117 Lid seal for vacuum interceptor vessel 044102/103/140



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Fullwood pt#

044134 Domed Float for 044140 2" version**044109** Bucket interceptor vessel service kit including 1 x 044113 flap, 1 x 044117 lid seal & 1 x 044134 domed float**067559** Interceptor Vessel Stainless Steel 15ltr, both inlets 89mm diameter, 16mm drain outlet. Spare end lid is 070287.**070287** Transparent lid 261mmOD for Sanitary Traps & SS Interceptors with hole & Fullwood logo. Spare seal is part number 070198.**070198** Gasket for Transparent Plastic Receiver Vessel Lid - lid no 070197 & 070287**066456** Service Kit for Stainless steel interceptor vessel including 1 x 067556 & 2 x 070198**045757** Service Kit for Large Mono Bloc Clear including 1 x 044134 domed float, 2 x 030191 rubber connector & 1 x 070198 Lid seal**030191** Rubber connector for pipes 62-59mm**045758** Service Kit for Large Mono Bloc Flap including 1 x 044134 domed float, 2 x 030191 rubber connector & 1 x 071302 Lid washer**071302** Lid washer 224mm OD x 176mm ID**066429** Centri 84 overhaul kit including 1 x 071313 lid washer & 1 x 067556 drain elbow with flap

Oil Collector



Fullwood pt#

041150	Oil collector only 3" Ambassador pumps	See image above
041149	Oil collector 3" installation kit Ambassador pumps includes 041150 plus galvanised fittings	
041790	Oil collector only 2" Q3 & Q4 pumps	See image above
041769	Oil collector 2" Installation kit Q3 & Q4 pumps includes 041790 plus galvanised fittings	
041044	3" Oil Collector Service Kit including 041787, 041157, 041156, 001661	
041045	2" Oil Collector Service Kit including 041787, 041799, 041786, 001661	
041787	Oil Collector Sealing gasket for 2" & 3" oil collectors	



041157	Oil collector filter for 041150 Ambassador pumps
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041799	Oil collector filter for 041790 Q3 & Q4 pumps
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041156	Oil collector Non return disc for 041150 Ambassador pumps
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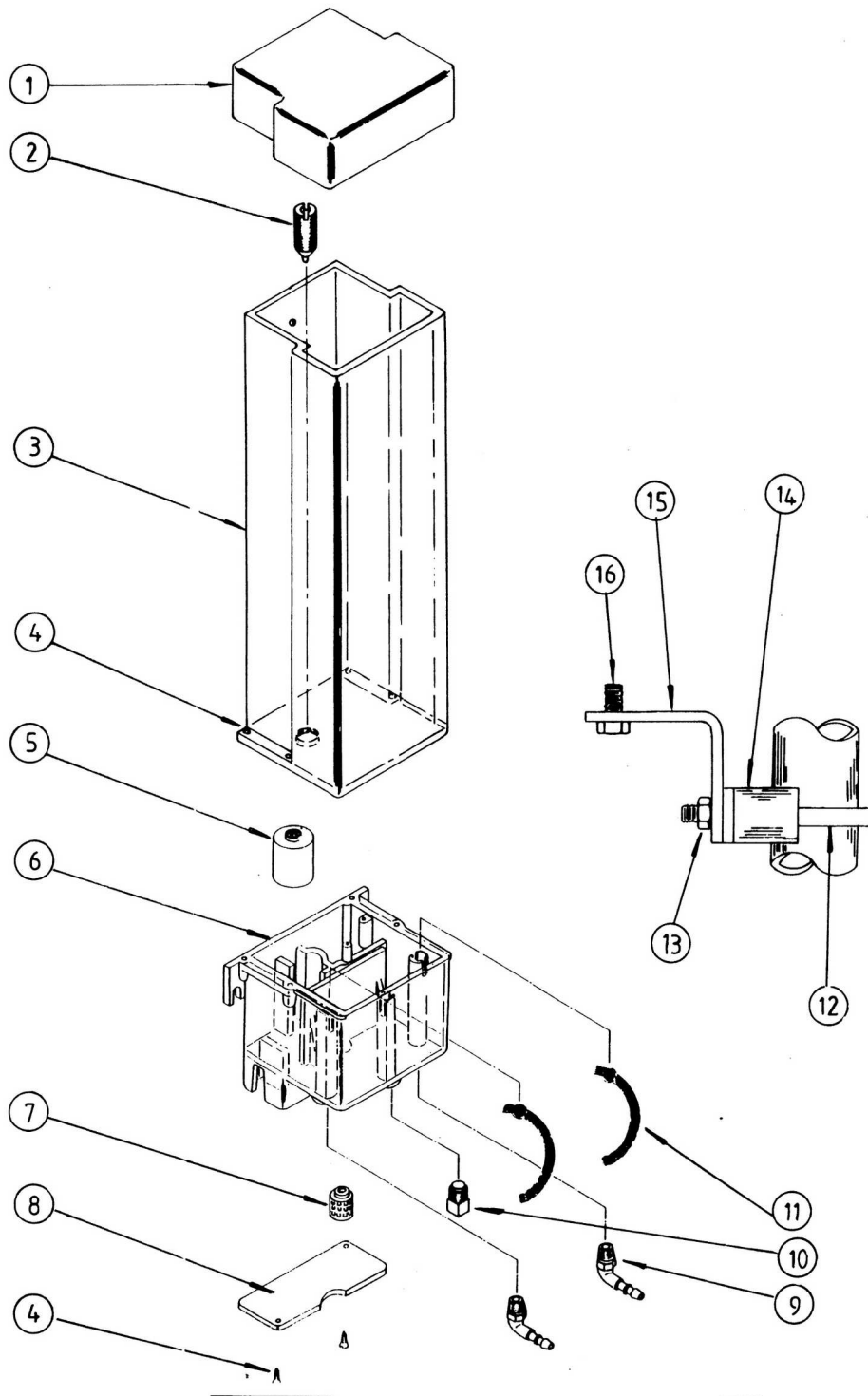
041786	Oil collector Non return disc for 041790 Q3 & Q4 pumps
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001661	Fibre Washer (Item 9)
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041838	Oil collector filter housing 2" Q3 & Q4 pumps
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Compact Oiler Diagram



Compact Oiler Parts List

Fullwood pt#

041899 Compact oiler installation kit



041903 Lid (Diagram Item 1) MINIMUM ORDER QUANTITY 10

041901 Oiler Jet for compact oiler 041899 (Diagram Item 2)



041905 Oil reservoir (Diagram Item 3)

041868 Oiler Float Assembly for Compact oiler (Diagram Item 5) Oil keeper (Diagram Item 10)



041888 Oil bath for Compact oiler (Diagram Item 6), Oil keeper (Diagram Item 2)

041867 Oil keeper bottom cover screw type - Compact oiler (Diagram Item 8) Oil keeper (Diagram Item 7)

003498 Hosetail Elbow Plastic 1/8" male BSP - Compact oiler (Diagram Item 9) Oil keeper (Diagram Item 5)



064419 Nylon Plug - Compact oiler (Diagram Item 10) Oil keeper (Diagram Item 6)

041249 Oiler Wick for Compact oiler (Diagram Item 11), Oil keeper (Diagram Item 3)



041688 U Bolt (Diagram Item 12)



001143 M8 Nyloc Nut (Diagram Item 13)

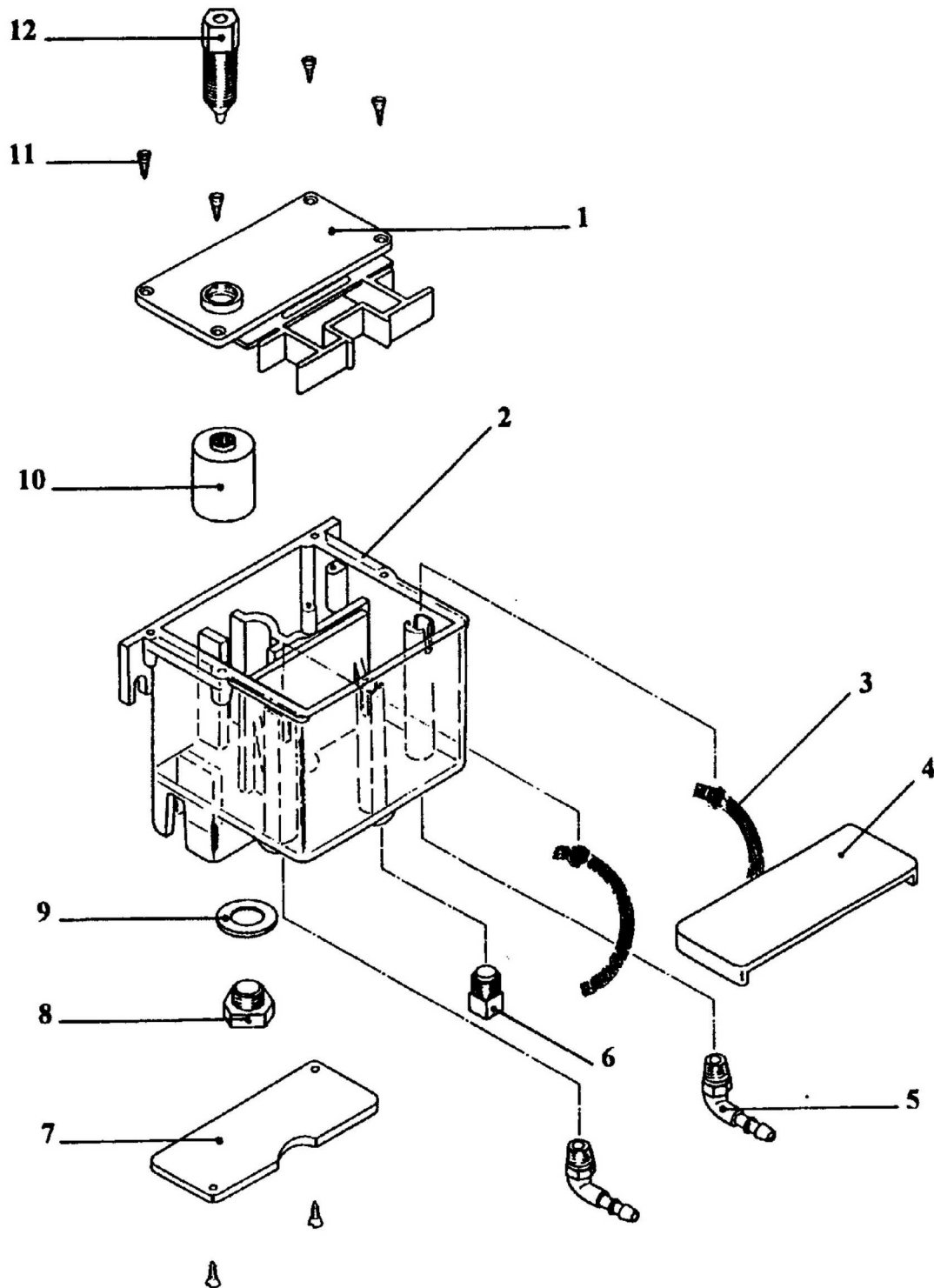
041687 Tube adaptor (Diagram Item 14)

041692 Support bracket (Diagram Item 15)

000528 Screw (Diagram Item 16)

003437 Nylon tube - Servac (Diagram Item 9) SOLD PER MTR IN FULL REEL OF 30 MTRS

Oil Keeper Diagram



Oil Keeper part listing

Fullwood pt#

041861 Oil Keeper kit 2 outlets less low level alarms



041882 Oil keeper kit 3 outlets for Ambassador vacuum pumps



041862 Oil keeper only 2 outlet



041883 Oil keeper only 3 outlet



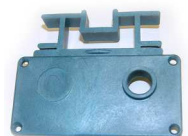
041879 Oil Keeper 7ltr plastic container only



041887 Top cap for 7ltr container for oil keeper



041865 Oil bath top cover (Item 1)



041888 Oil bath for Compact oiler (Diagram Item 6), Oil keeper (Diagram Item 2)

continuation of previous page

Fullwood pt#

041249 Oiler Wick for Compact oiler (Diagram Item 11), Oil keeper (Diagram Item 3)



041866 Oil keeper sliding top cover (Item 4)



003498 Hosetail Elbow Plastic 1/8" male BSP - Compact oiler (Diagram Item 9) Oil keeper (Diagram Item 5)



064419 Nylon Plug - Compact oiler (Diagram Item 10) Oil keeper (Diagram Item 6)

041867 Oil keeper bottom cover screw type - Compact oiler (Diagram Item 8) Oil keeper (Diagram Item 7)

041868 Oiler Float Assembly for Compact oiler (Diagram Item 5) Oil keeper (Diagram Item 10)



000384 Screw (Item 11)

041872 Oiler Jet for 041862 oil keeper (Item 12)



041043 2 & 3 Wick Oiler Service Kit including 3 x 041249 wick, 1 x 041868 float, 1 x 041872 jet

Vacuum Pump Oil

Fullwood pt#

041031 Fullwood oil red for Fullwood vacuum pumps 5ltr container



continuation of previous page

Fullwood pt#

041032 Fullwood oil red for Fullwood vacuum pumps 25ltr container



041034 Fullwood vacuum pump flushing oil 5ltr

141312 Fullwood lobe vacuum pump gearbox oil 5ltr



041038 Oil Measuring Jug 5ltr



041039 Drum pump for 25ltr oil



Vacuum Pump Motor Installation Kits (Weg)



Fullwood pt#

140000 2.2kW 1ph Motor Installation Package comprising 1x140010 Weg motor, 1x140020 starter, 2x040409 A46 V belts, 1x140030 125x2SPA taperlock pulley, 1x193286 taper lock bush 1610-28mm

140001 3kW 1ph Motor Installation Package comprising 1x040060 Weg motor, 1x140021 starter, 2x040409 A46 V belts, 1x140030 125x2SPA taperlock pulley, 1x193286 taper lock bush 1610-28mm

140003 3.7kW 1ph Motor Installation Package comprising 1x140012 Weg motor, 1x140021 starter, 2x040409 A46 V belts, 1x140030 125x2SPA taperlock pulley, 1x193286 taper lock bush 1610-28mm

140002 3kW 3ph Motor Installation Package comprising 1x140011 Weg motor, 1x140022 starter, 2x040409 A46 V belts, 1x140030 125x2SPA taperlock pulley, 1x193286 taper lock bush 1610-28mm

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Fullwood pt#

140004	4kW 3ph Motor Installation Package comprising 1x140013 Weg motor, 1x140022 starter, 2x040409 A46 V belts, 1x140030 125x2SPA taperlock pulley, 1x193286 taper lock bush 1610-28mm
140005	5.5kW 3ph Motor Installation Package comprising 1x140014 Weg motor, 1x140023 starter, 3x040666 SPA 1157 V belts, 1x140035 100x3SPA taperlock pulley, 1x040448 taper lock bush 1610-38mm
140006	7.5kW 3ph Motor Installation Package comprising 1x140015 Weg motor, 1x140024 starter, 3x040662 SPA 1207 V belts, 1x140031 125x3SPA taperlock pulley, 1x140042 taper lock bush 2012-38mm

Vacuum Pump Motors



Fullwood pt#

140010	2.2kW 1 phase 240V 4 Pole 50Hz Motor Weg
040060	3kW 1 phase 240V 4 Pole 50Hz Motor Weg
140012	3.7kW 1 phase 240V 4 Pole 50Hz Motor Weg
140016	2.2kW 3 phase 230/415V 4 Pole 50Hz Motor Weg
140011	3kW 3 phase 230/415V 4 Pole 50Hz Motor Weg
140072	4kW 3 phase 230/415V 4 Pole 50Hz Motor Weg
140013	4kW 3 phase 415/690V 4 Pole 50Hz Motor Weg
140073	5.5kW 3 phase 230/415V 4 Pole 50Hz Motor Weg
140014	5.5kW 3 phase 415/690V 4 Pole 50Hz Motor Weg
140015	7.5kW 3 phase 415/690V 4 Pole 50Hz Motor Weg
140017	9KW 3 phase 415V 4 Pole 50Hz Motor Weg
140070	3 KW 1 phase Series Parallel 240/480V Motor Weg
140018	4 KW 1 phase Series Parallel 240/480V Motor Weg
140071	5.5 KW 1 phase Series Parallel 240/480V Motor Weg
040030	1.5kw 1 phase 240v motor for use with smaller vacuum pumps OBSOLETE - LIMITED STOCK AVAILABLE

Vacuum Pump Starters



Fullwood pt#

140020	Weg DOL Starter 1ph 10-15 amp for 2.2kw Weg motor
140025	Weg DOL Starter 3ph 415V 4- 6.3 amp for 2.2kw Weg motor
140021	Weg DOL Starter 1ph 15-23 amp for 3-3.7kw Weg motor
140026	Weg DOL Starter 3ph 415V 5.6 - 8 amp for 3kw Weg motor

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Fullwood pt#

140022	Weg DOL Starter 3ph 415V 7-10 amp for 4kw Weg motor
140023	Weg DOL Starter 3ph 415V 8-12.5 amp for 5.5kw Weg motor
140024	Weg DOL Starter 3ph 415V 11- 1 7amp for 7.5kw Weg motor
040167	Weg DOL Starter 1ph 22 - 32 amp

Vacuum Pump Motor Spares

Fullwood pt#

140009	Weg Motor Fan for 1ph & 3ph 100 frame 4 pole motors for use on motor 140010, 140016, 140011
140019	Weg Motor Fan 200od for 1ph & 3ph 112 frame 4 pole motors for use on motor 040060, 140012, 140070, 140072, 140013
140029	Weg Motor Fan 132 frame for use on motor 140018, 140073, 140014, 140015, 140017
140081	Weg 1ph run capacitor 30mF for 2.2kW 4pole 1phase
140080	Weg 1ph start capacitor 250mF for 2.2kW 4pole 1phase
140083	Weg run capacitor 40uF 400v for 3kW 4pole 1phase
140082	Weg start capacitor 189/227uF 250v for 3kW 4pole 1phase
140008	Weg 24vAC Coils 7-10A 3ph motor



See image above

V Belts



Fullwood pt#

040405	A36 (A950) V Belt
040406	A38 (A990) V Belt
040444	A39 (A1020) V Belt
040438	A40 (A1050) V Belt
040442	A41 (A1070) V Belt
040407	A42 (A1100) V Belt
140050	A43 V Belt
040408	A44 (A1150) V Belt
140051	A45 V Belt
040409	A46 (A1200) V Belt
140052	A47 V Belt
040432	A48 (A1250) V Belt
140053	A49 V Belt
040443	A50 (A1300) V Belt
040431	A51(A1330) V Belt
040445	A52 (A1360) V Belt
140054	A53 V Belt
140055	A54 V Belt
040410	A55 (A1430) V Belt
140056	A56 V Belt
140057	A57 V Belt
040411	A60 (A1550) V Belt

SPA Belts



Fullwood pt#

040673	SPA 1120 Vee Belt
040666	SPA 1157 Vee Belt
040662	SPA 1207 Vee Belt
040446	SPA 1250 Vee Belt

Taperlock Pulleys



Taperlock

Fullwood pt#

040447	100 x 2 SPA Taperlock Pulley (1610)
140032	112 x 2 SPA Taperlock Pulley (1610)
140030	125 x 2 SPA Taperlock Pulley (1610)
140033	150 x 2 SPA Taperlock Pulley (2012)
140034	180 x 2 SPA Taperlock Pulley (2012)

continuation of previous page

Fullwood pt#

140035	100 x 3 SPA Taperlock Pulley (1610)
140031	125 x 3 SPA Taperlock Pulley (2012)
140036	150 x 3 SPA Taperlock Pulley (2517)
140037	180 x 3 SPA Taperlock Pulley (2517)
140060	100 x 4 SPA Taperlock Pulley (1615)
140061	125 x 4 SPA Taperlock Pulley (2012)
140063	150 x 4 SPA Taperlock Pulley (2517)
140062	180 x 4 SPA Taperlock Pulley (2517)

Bush for Taperlock Pulley



Fullwood pt#

140040	Taperlock Bush 24mm bore (1610)
193286	Taperlock Bush 28mm bore (1610)
040448	Taperlock Bush 38mm bore (1610)
140044	Taperlock Bush 38mm Bore (1615)
140041	Taperlock Bush 24mm bore (2012)
141308	Taperlock Bush 28mm Bore (2012)
141306	Taperlock Bush 42mm Bore (2012)
141318	Taperlock Bush 38mm Bore (2012)
140042	Taperlock Bush 38mm bore (2012)
140043	Taperlock Bush 28mm Bore (2517)
140045	Taperlock Bush 38mm Bore (2517)

Aluminium Pulleys



Fullwood pt#

040466	Aluminium Pulley 4"x28mm x 2a Pulley
040573	Aluminium Pulley 5"x24mm x 2a Pulley
040550	Aluminium Pulley 5"x28mm x 2a Pulley
040544	Aluminium Pulley 5"x38mm x 2a Pulley
040556	Aluminium Pulley 6"x28mm x 2a Pulley
040552	Aluminium Pulley 7"x28mm x 2a Pulley

Vacuum Accessories

Fullwood pt#

035515 Vacuum clamp valve only blue



035497 Vacuum clamp valve blue service kit including 2 x 035527 support disc & 1 x 035530 diaphragm



035530 Vacuum clamp valve Diaphragm (Diagram Item 4)

070694 Clean Air filter fits 90mm PVC pipe (3")



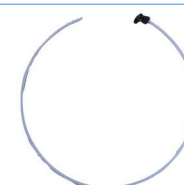
045011 Vacuum Gauge Digital



045010 Vacuum Gauge 100mm 3/8" BSP



045262 Vacuum regulator tube clear plastic 1mtr includes elbow fitting comprising 003437 & 004835



045240 Automatic Vacuum Drain Valve Assembly



045200 Stall Tap angled only 3/8" BSP



continuation of previous page

Fullwood pt#

045204 Clamp on stall tap angled fits 1 1/4"- 1 1/2" galvanised tube



045202 Clamp on stall tap angled fits 3/4"-1" galvanised tube

See image above

045400 Megavac Vacuum tank wall mounted with 6 x 3", 2 x 2" connections



089550 Megavac Vacuum tank for Rotary with 4 x 4", 2 x 3", 2 x 2" connections

045422 End Flap assembly for Megavac vacuum tanks



045527 End Flap assembly for Monobloc vacuum tanks

045750 Bottom drain valve assembly for Monobloc, Megavac & Ambassador interceptor vessel



003487 Hosetail tee connector plastic 5mm x 5mm x 5mm



003489 Hosetail Y connector plastic 3 x 5mm



003492 Hosetail Elbow Plastic 1/8" male BSP 6mm



003512 Hosetail Elbow Plastic 1/2" male BSP 20mm

See image above

003518 Hosetail Connector 1/8" male BSP 8mm - LM1 Diagram(Item 12)



003506 Hosetail Connector 3/8" male BSP 14mm

See image above

004889 Ball Valve (Plated) 1"BSP



Blower Vacuum Pump Accessories

Fullwood pt#

141295 Exhaust raincap 3 1/2" (89od tube) for blower vacuum pump installations



141297 Exhaust raincap 2" (60od tube) for blower vacuum pump installations

See image above

141294 Exhaust raincap 3" (76od tube) for blower vacuum pump installations

See image above

141296 Exhaust raincap 4 1/2" (114od tube) for blower vacuum pump installations

See image above

141252 Filter differential pressure switch for blower vacuum pump installations



141254 Vacuum gauge for blower vacuum pump installations



141255 Temperature gauge with switch for blower vacuum pump installations



141256 Gauge bracket for blower vacuum pump installations



Vacuum Regulators

Fullwood pt#

045263 Vacuum Regulator Servac 3500 assembly



045277 Service Kit for Servac 3500 Regulator 045263 including Diagram Item 5 -045381, Item 7 -045251, Item 8 -007617, Item 13 -045208, Item 19 -007631, Item 25 -045234, Item 26 -045259



045219 Vacuum Regulator Servac 7000 assembly



045355 Service Kit for Servac 7000 Regulator 045219 including 1x045234 air clean element, 1x045381 diaphragm, 2x045208 diaphragm, 1x007631 o-ring, 1x045251 pilot valve, 2x007617 o-ring, 1x045206 gasket, 2 x 045259 foam ring



032653 Servac 7000 slave top section



000596 Screws for 032653 slave top section

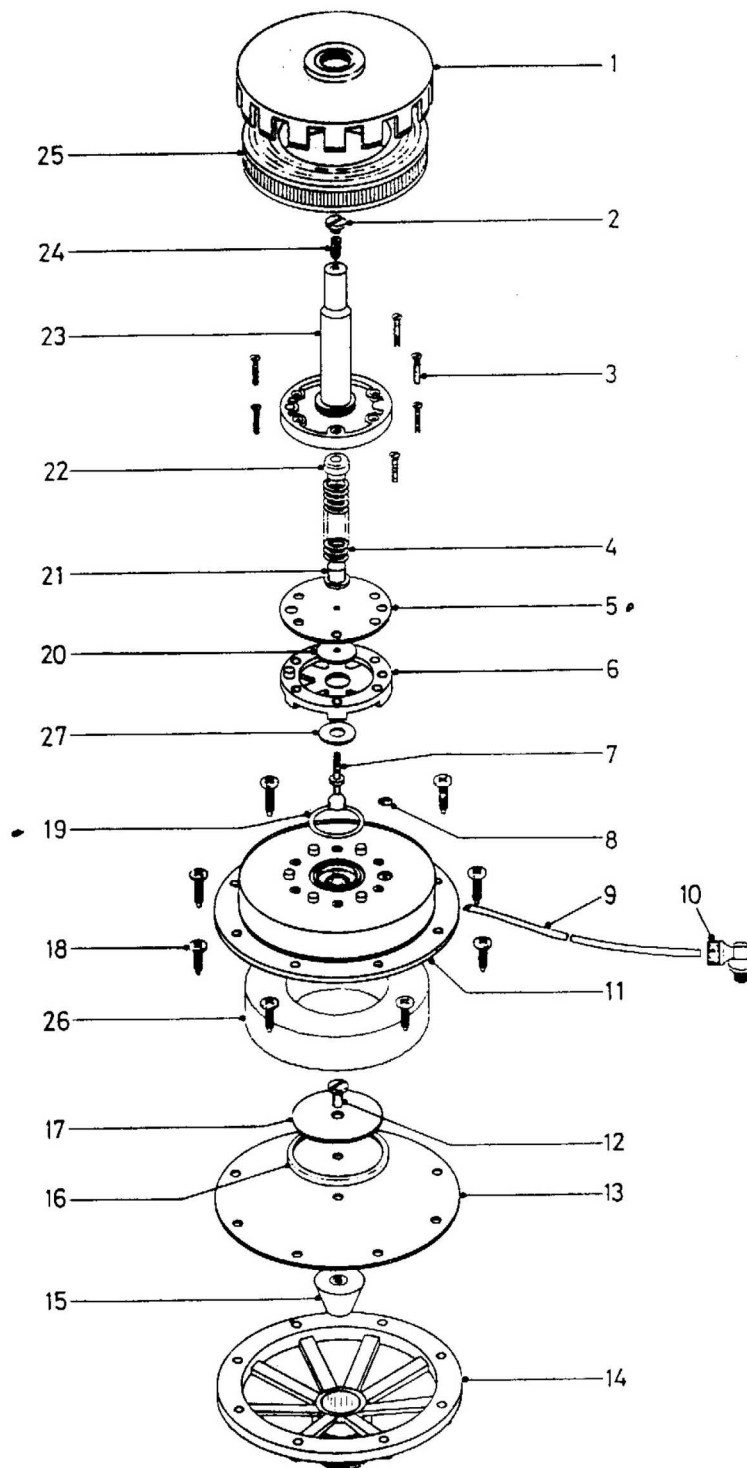
045271 Clean Air Manifold for servac regulator 3500/7000



045268 Filter for Clean air manifold 045271



Servac 3500 Diagram



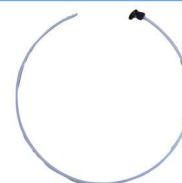
Servac 3500 Parts Listing

Fullwood pt#

045357	Filter cage (Diagram Item 1) MINIMUM ORDER QUANTITY 10
000506	M6 Nylon Screw (Diagram Item 2)
000505	SS Screw (Diagram Item 3)
002927	Spring (Diagram Item 4)
045381	Pilot valve diaphragm (Diagram Item 5) included in service kit 045277
045253	Pilot valve base (Diagram Item 6) MINIMUM ORDER QUANTITY 10
045251	Valve Pilot for Servac 3500 vacuum regulator (Diagram Item 7) included in service kit 045277
007617	O-ring - Servac (Diagram Item 8) included in service kit 045277, Combination control valve (Diagram Item 12) MINIMUM ORDER QUANTITY 50



003437	Nylon tube - Servac (Diagram Item 9) SOLD PER MTR IN FULL REEL OF 30 MTRS
004835	Elbow adaptor (Diagram Item 10)
045262	Vacuum regulator tube clear plastic 1mtr includes elbow fitting comprising 003437 & 004835



045231	Main section sub assembly (Diagram Item 11)
045233	Main valve Set screw Servac 3500/7000 (Diagram Item 12)
045208	Main diaphragm (Diagram Item 13) included in service kit 045277
045247	Base (Diagram Item 14) MINIMUM ORDER QUANTITY 10
045232	Valve Cone and Insert for Servac regulators 3500/7000 (Diagram Item 15)



045239	Diaphragm Plate cover (Diagram Item 16) MINIMUM ORDER QUANTITY 10
045248	Main diaphragm plate (Diagram Item 17) MINIMUM ORDER QUANTITY 10
007631	O ring (Diagram Item 19) included in service kit 045277 MINIMUM ORDER QUANTITY 50



045254	Pilot valve diaphragm plate (Diagram Item 20) MINIMUM ORDER QUANTITY 10
045256	Spring carrier - Pilot valve (Diagram Item 21)
045257	Spring cap (Diagram Item 22) MINIMUM ORDER QUANTITY 10
045258	Top section (Diagram Item 23) MINIMUM ORDER QUANTITY 10
000696	Grub Screw (Diagram Item 24) MINIMUM ORDER QUANTITY 10

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Fullwood pt#

045234 Filter Element Air for Servac Regulators 3500/7000 (Diagram Item 25) included in service kit 045277



045259 Filter Element Foam Ring for servac 3500/7000 (Diagram Item 26) included in service kit 045277 MINIMUM ORDER QUANTITY 10



001636 Stainless Steel washer (Diagram Item 27)

045277 Service Kit for Servac 3500 Regulator 045263 including Diagram Item 5 -045381, Item 7 -045251, Item 8 -007617, Item 13 -045208, Item 19 -007631, Item 25 -045234, Item 26 -045259



PVC Vacuum Pipe



Fullwood pt#

004907	1 1/4" NB PVC Pipe (3mtr lengths) PRICED PER METRE
004900	1 1/2" NB PVC Pipe (3mtr lengths) PRICED PER METRE
004930	2" NB PVC Pipe (3mtr lengths) PRICED PER METRE
004960	3" NB PVC Pipe (3mtr lengths) PRICED PER METRE
004992	4" NB PVC Pipe (3mtr lengths) PRICED PER METRE
004999	2 1/2" NB Grey PVC Pipe (3mtr lengths) PRICED PER METRE
003393	4" NB Hi PVC Pipe Class E (Grey) PRICED PER METRE

PVC 90 Degree Bend



Fullwood pt#

004908	1 1/4" Plastic Equal Bend (Grey)
004932	2" White PVC Bend 90deg
004962	3" White PVC Bend 90deg
004978	4"PVC Class E 90Deg Bend (Grey)
004989	4" White PVC Swept Bend 90deg

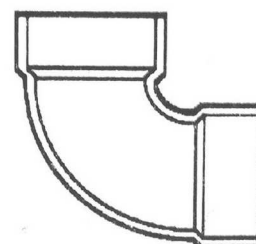
PVC 45 Degree Elbow



Fullwood pt#

004934	2" PVC Elbow 45 Degree
004963	3" PVC Elbow 45 Degree
004991	4" PVC Elbow 45 Degree
004979	4"PVC Class E 45Deg Bend (grey)

PVC 90 Degree Elbow



Fullwood pt#

004988	3" PVC White Elbow 90deg
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PVC End Cap



Fullwood pt#

004935	2" PVC White End Cap
004968	3" PVC White End Cap
004993	4" PVC White End Cap
003394	4" PVC End Cap Grey Class E Heavy Duty
004949	2" PVC Black End Cap
004973	3" PVC Black End Cap
045406	2" End Cap Disc for 004949
045413	3" End Cap Disc for 004973

PVC Pipe Clips

Fullwood pt#

004956	1 1/4" Pipe Clip Maclow
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004936	2" Pipe Clip Maclow
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See image above

079479	Cobra clip 32mm pipe clip
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184015	Cobra clip 40mm pipe clip
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See image above

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Fullwood pt#

184016	Cobra clip 50mm pipe clip	See image above
184040	Cobra clip 63mm/2" pipe clip	See image above
184017	Cobra clip 75mm pipe clip	See image above
184041	Cobra Clip 90mm/3" pipe clip	See image above
184042	Cobra clip 110mm/4" pipe clip	See image above

PVC Socket



Fullwood pt#

004931	2" PVC White Socket-Plain
004961	3" PVC White Socket-Plain
004987	4" PVC White Socket-Plain

PVC O-Ring Socket



Fullwood pt#

004928	2" O-Ring Socket Assembly White with 2 O-rings
004966	3" O-Ring Socket Assembly White with 2 O-rings
004986	4" O-Ring Socket Assembly White with 2 O-rings
004977	4" PVC O-Ring Socket Grey with 1 O-ring

PVC Reducer Socket



Fullwood pt#

004965	3"-2" PVC Reducer socket- Plain
004994	4"-3" white PVC reducer socket

PVC Reducer Bush



Fullwood pt#

004940	2"-1.5" Reducer Bush-Plain
004941	2"-1.25" Reducer Bush-Plain
004967	3"-2" Reducer Bush-Plain
004982	4"-3" PVC Reducing Bush WH
004952	1/2" BSP x 3/8" BSP Threaded Reducer Bush
004948	2" Plain-1" BSP Threaded Reducer Bush

PVC Tee



Fullwood pt#

004909	1 1/4" Plastic Equal Tee
004933	2" PVC Tee
004969	3" PVC Tee
004990	4" PVC Tee

PVC Tee Reducer Threaded



Fullwood pt#

004951	2"x2"x1" BSP Tee-PVC
004974	3"x3"x1/2" BSP Tee-PVC
004975	3"x3"x1" BSP Tee-PVC
004950	2"x2"x1/2" BSP Tee-PVC

PVC Valterra Slide Gate Valve



Fullwood pt#

045739	63mm Slide Gate Valve Abs
045740	90mm Slide Gate Valve Abs
045408	2" Slide Gate Valve Abs
045409	3" Slide Gate Valve Abs
089444	4" Slide Gate Valve Abs
089739	6" Slide Gate Valve Abs

PVC Non-Return Shut Off



Fullwood pt#

089490	3" PVC Non-Return Shut Off
141272	4" PVC Non-Return Shut Off

PVC Pipe Other Fittings & Adhesive Kit

Fullwood pt#

004980 1/2"BSPx1/2" Hosetail PVC Connector**004981** 1/2"BSP PVC Lock Nut**004985** 1"BSP PVC U Hex Nipple**004947** 2" PVC Nipple 76mm Long**004997** 2" White PVC Plain Vent Tee**004937** 2" Adaptor F/M Plain/BSP Thread**004512** PVC adhesive kit including 1 x 004919 pipe cleaner & 2 x 004927 125g PVC cement

Product info : **One Motor & One VSD for 230v 1ph mains supply**

Kit contains the following items :-

- 1 x Inverter 230v 3ph**
- 1 x Motor 230/415v 3ph**
- Pulley, Bush & Vee Belts**
- 1 x Screened motor cable**
- 1 x Vacuum sensor kit**
- 1 x internal wiring kit**



Programmed
Inverter



Screened motor cable



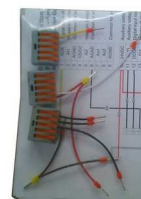
Pulley & V belt kit



Sensor kit



Motor



Control wiring for
connection kit

One Motor & One VSD for 230v 1ph mains supply

Fullwood pt#

141500	Inverter/VSD 230v 4kW & 2.2kW 3ph motor Kit for Q3 @ 1000
141502	Inverter/VSD 230v 7.5kW & 4kW 3ph motor Kit for Q4 @ 1000
141503	Inverter/VSD 230v 11kW & 5.5kW 3ph motor Kit for Q4 @ 1200

Product info : **Two Motor & One VSD for 230v 1ph mains supply**

Kit contains the following items :-

- 1 x Inverter 230v 3ph**
- 2 x Motor 230/415v 3ph**
- Pulleys, Bushes & Vee Belts**
- 2 x Screened motor cable**
- 1 x Vacuum sensor kit**
- 1 x internal wiring kit**
- 1 x twin overloads box**



Two Motor & One VSD for 230v 1ph mains supply

Fullwood pt#

141504	Inverter VSD 230v 11kW & 2.2kW 3ph motor Kit for Q3 @ 1000 complete
141506	Inverter VSD 230v 15kW & 4kW 3ph motor Kit for Q4 @ 1000 complete
141507	Inverter VSD 230v 18kW & 5.5kW 3ph motor Kit for Q4 @ 1200 complete

Product info : **Two Motor & Two VSD for 230v 1ph mains supply**

Kit contains the following items :-

- 2 x Inverter 230v 3ph
- 2 x Motor 230/415v 3ph
- Pulleys, Bushes & Vee Belts
- 2 x Screened motor cable
- 1 x Vacuum sensor kit
- 2 x internal wiring kit
- 8 core control link cable



Programmed Inverter



Screened motor cable



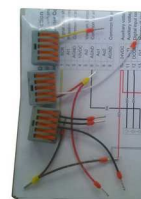
Pulley & V belt kit



Sensor kit



Motor



Control wiring for connection kit

Two Motor & Two VSD for 230v 1ph mains supply

Fullwood pt#

141508 Inverter VSD 230v 7.5kW & 4kW 3ph motor Kit for Q4 @ 1000

141509 Inverter VSD 230v 11kW & 5.5kW 3ph motor Kit for Q4 @ 1200

Product info : **One Motor & One VSD for 415v 3ph mains supply**

Kit contains the following items :-

- 1 x Inverter 400v 3ph
- 1 x Motor 230/415v 3ph
- Pulley, Bush & Vee Belts
- 1 x Screened motor cable
- 1 x Vacuum sensor kit
- 3 x Wago type terminal block



Programmed Inverter



Screened motor cable



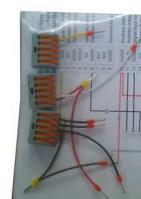
Pulley & V belt kit



Sensor kit



Motor



Control wiring for connection kit

One Motor & One VSD for 415v 3ph mains supply

Fullwood pt#

141510	Inverter VSD 400v 2.2kW & 2.2kW 3ph motor Kit for Q3 @ 1000
141512	Inverter VSD 400v 4kW & 4kW 3ph motor Kit for Q4 @ 1000
141513	Inverter VSD 400v 5.5kW & 5.5kW 3ph motor Kit for Q4 @ 1200
141514	Inverter VSD 400v 7.5kW & 7.5kW 3ph motor Kit for Ambassador @ 1000
141515	Inverter VSD 400v 11kW & 9.2kW 3ph motor Kit for Ambassador @ 1200

Product info : Two Motor & One VSD for 415v 3ph mains supply

Kit contains the following items :-

- 1 x Inverter 400v 3ph
- 2 x Motor 230/415v 3ph
- Pulleys, Bushes & Vee Belts
- 2 x Screened motor cable
- 1 x Vacuum sensor kit
- 3 x Wago type terminal block
- 1 x twin overloads box



Two Motor & One VSD for 415v 3ph mains supply

Fullwood pt#

141518	Inverter VSD 400v 11kW & 4kW 3ph motor Kit for Q4 @ 1000
141519	Inverter VSD 400v 11kW & 5.5kW 3ph motor Kit for Q4 @ 1200
141520	Inverter VSD 400v 15kW & 7.5kW 3ph motor Kit for Ambassador @ 1000
141521	Inverter VSD 400v 18kW & 9.2kW 3ph motor Kit for Ambassador @ 1200

Product info : Two Motor & Two VSD for 415v 3ph mains supply

Kit contains the following items :-

- 2 x Inverter 400v 3ph
- 2 x Motor 230/415v 3ph
- Pulleys, Bushes & Vee Belts
- 2 x Screened motor cable
- 1 x Vacuum sensor kit
- Wago type terminal blocks
- 8 core control link cable



Programmed Inverter



Screened motor cable



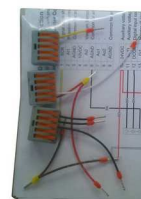
Pulley & V belt kit



Sensor kit



Motor



Control wiring for connection kit

Two Motor & Two VSD for 415v 3ph mains supply

Fullwood pt#

141522	Inverter VSD 400v 2.2kW & 2.2kW 3ph motor Kit for Q3 @ 1000
141524	Inverter VSD 400v 4kW & 4kW 3ph motor Kit for Q4 @ 1000
141525	Inverter VSD 400v 5.5kW & 5.5kW 3ph motor Kit for Q4 @ 1200
141526	Inverter VSD 400v 7.5kW & 7.5kW 3ph motor Kit for Ambassador @ 1000
141527	Inverter VSD 400v 11kW & 9.2kW 3ph motor Kit for Ambassador @ 1200

Product info : VSD Kits (less motor) for 230v 1ph mains supply

Kit contains the following items :-

- 1 x Inverter 230v 3ph
- 1 x Screened motor cable
- 1 x Vacuum sensor kit
- 1 x internal wiring kit



Programmed Inverter



Screen motor cable



Sensor kit



Control wiring for connection kit

VSD Kits (less motor) for 230v 1ph mains supply

Fullwood pt#

141371	Inverter VSD 230v 1.5kW 3ph Kit
141373	Inverter VSD 230v 4kW 3ph Kit
141374	Inverter VSD 230v 5.5kW 3ph Kit
141375	Inverter VSD 230v 7.5kW 3ph Kit
141376	Inverter VSD 230v 11kW 3ph Kit
141378	Inverter VSD 230v 18kW 3ph Kit
141210	Inverter VSD 230V 15kW 3ph Kit

Product info : VSD Kits (less motor) for 415v 3ph mains supply

Kit contains the following items :-

1 x Inverter 400v 3ph

1 x Screened motor cable

1 x Vacuum sensor kit

3 x Wago type terminal block



VSD Kits (less motor) for 415v 3ph mains supply

Fullwood pt#

141211	Inverter VSD 400v 1.5kW 3ph Kit
141212	Inverter VSD 400v 2.2kW 3ph Kit
141213	Inverter VSD 400v 3kW 3ph Kit
141214	Inverter VSD 400v 4kW 3ph Kit
141215	Inverter VSD 400v 5.5kW 3ph Kit
141216	Inverter VSD 400v 7.5kW 3ph Kit
141217	Inverter VSD 400v 11kW 3ph Kit
141218	Inverter VSD 400v 15kW 3ph Kit
141219	Inverter VSD 400v 18kW 3ph Kit
141220	Inverter VSD 400v 22kW 3ph Kit

The 230V 3ph inverters must de-rate by 50% for use on 1ph sites

VSD/Inverter 230V 3ph programmed spare

Fullwood pt#

141411 VSD Inverter control Programmed only 230v 1.5kW 3ph IP54



141413 VSD Inverter control Programmed only 230v 4kW 3ph IP54

See image above

141414 VSD Inverter control Programmed only 230v 5.5kW 3ph IP54

See image above

141415 VSD Inverter control Programmed only 230v 7.5kW 3ph IP54

See image above

141416 VSD Inverter control Programmed only 230v 11kW 3ph IP54

See image above

141418 VSD Inverter control Programmed only 230v 18kW 3ph IP54

See image above

141332 VSD Inverter control Programmed only 230v 15KW 3ph IP54

See image above

VSD/Invtr 415V 3ph programmed spare

Fullwood pt#

141550 VSD Inverter control Programmed only 1.5KW 3ph IP54

141551 VSD Inverter control Programmed only 2.2KW 3ph IP54

141552 VSD Inverter control Programmed only 3KW 3ph IP54

141553 VSD Inverter control Programmed only 4KW 3ph IP54

141554 VSD Inverter control Programmed only 5.5KW 3ph IP54

141555 VSD Inverter control Programmed only 7.5KW 3ph IP54

141556 VSD Inverter control Programmed only 11KW 3ph IP54

141557 VSD Inverter control Programmed only 15KW 3ph IP54

141558 VSD Inverter control Programmed only 18KW 3ph IP54

141559 VSD Inverter control Programmed only 22KW 3ph IP54

Twin Overloads Box



Fullwood pt#

141430 Twin overloads box 2x5.5A-8A (3kW)

141431 Twin overloads box 2x7A-10A (4kW)

141432 Twin overloads box 2x10A-13A (5.5kW)

continuation of previous page

Fullwood pt#

141433 Twin overloads box 2x13A-18A (7.5kW)**141434** Twin overloads box 2x18A-25A (11kW)

Inverter accessories

Fullwood pt#

141381 VSD External fan 80mm for VSD 415vlt 1.5kw - 2.2 / 3 / 4 / 5.5kw & 230vlt 1.5 / 2.2 / 4kw**141382** VSD External fan 92mm for VSD 415vlt 5.5kw 7.5 /11 /15 /18.5kw 230vlt 5.5/7.5/ 11 / 15kw**141383** VSD External fan 92mm for VSD 415vlt 22kw**141384** VSD External fan 120mm for VSD 230vlt 18.5kw**141380** VSD Internal fan for VSD 415 & 230vlt**141235** Vacuum pump inverter sensor installation kit**141355** Vacuum pump inverter sensor & M12 2 pole F/M 30mtr cable**141356** Vacuum pump inverter sensor only**141357** M12 2 Pole F/M 30mt Screened Cable**141281** Terminal block commoning 5 way wago type VOD

Washing System



Hyperclean III Unit



3 dosing pumps

Air injector

Fullwood pt#

099110 Air Injector Complete



099186 Air injector PCB

066552 Air injector only including tubing for 3" lines



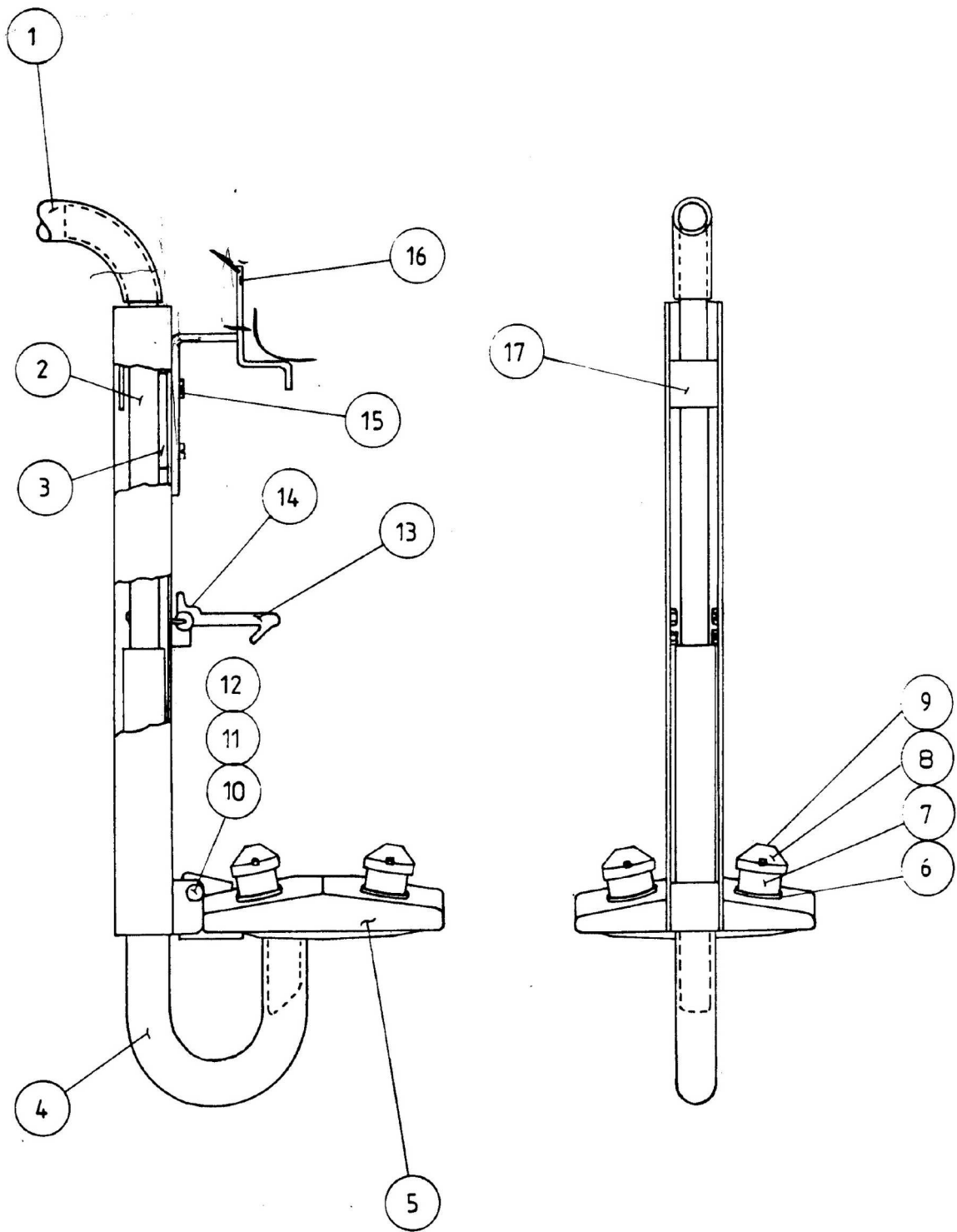
070970 Air injector only including tubing for 4" lines

See image above

066468 Air valve service kit for 066552/070970 including 1x043414 diaphragm, 1x042237 boost valve, 1x000748 screw, 1x001240 nut & 1x001519 washer



Jet Set Diagram



Jet Set Installation parts listing

Fullwood pt#

053051 Jet Set Installation Kit



053068 Jet set stainless steel connecting tube (Diagram Item 2)



053070 Jet Set clamping strip (Diagram Item 3)



022112 Walking Stick Tube 13mm NB 275mm long with 40mm centre line radius (Diagram Item 4)



053054 Jet set baseplate Stainless steel (Diagram Item 5)

053083 Jetter cone Blue D29 complete replacement kit including 4 x 053084 cap, 4 x 053085 stem, 4 x 000981 screw, 4 x 007618 O-ring



007618 O ring (Diagram Item 6)

053085 Jetter cone Blue D29 stem only (Diagram Item 7)



053084 Jetter cone Blue D29 cap only (Diagram Item 8)

000981 Stainless Steel Screw (Diagram Item 9)

053065 Jet set baseplate pivot pin (Diagram Item 10)



001905 Stainless Steel Split Pin - Jet set (Diagram Item 12) Clamp valve(Diagram Item 2)

053053 Jet set plastic catch (Diagram Item 13)



001292 Nyloc Nut (Diagram Item 14)

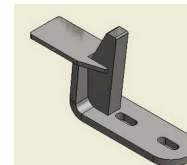
000984 Stainless Steel Screw (Diagram Item 15)

053062 Jet set Cluster hook assembly stainless steel (Diagram Item 16)

continuation of previous page

Fullwood pt#

053105 Substitute Jet Set Cluster Hook for use with CF14 HD & CF14 HDS Claws



053052 Jet Set Mounting Bracket sub assembly (Diagram Item 17)

Jet Set Accessories

Fullwood pt#

053100 Jetter cone Black D27-29 complete replacement kit including 4 x 053056 cap, 4 x 053057 stem, 4 x 000981 screw, 4 x 007618 O-ring

053056 Jetter cone Black D27-29 cap only



053057 Jet Set Stem Black D27-29



053093 Jetter cone Black D29-32 complete replacement kit including 4 x 053094 stem , 4 x 053095 cap, 4 x 000981 screw, 4 x 007618 O-ring



053095 Jetter cone Black D29-32 cap only



053094 Jet Set Stem Large D29-32



053060 Jet set low level mounting bracket



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Fullwood pt#

053069 Jet Set Wall & Pipe mounting bracket RH



053073 Jet Set Wall & Pipe mounting bracket LH



053124 Jet set tube mounted installation kit comprising 1 x 053138 tip-up jetter & catch kit, 1 x 053083 blue jetter cone kit, 1 x 053122 jetter plate mounting tube, 1 x 053123 jetter mounting tube angle bracket, screws, nuts & washers



053122 Jet Set mounting tube



053123 Jet set angle bracket for mounting tube 053122



053138 Jet set tube mounting jetter & catch kit



continuation of previous page

Fullwood pt#

- 115887** Ergo plugs to hold liners in plastic cups without the use of a cluster hook. Sold as pack of 4. Jetter plate and plastic cups need to be ordered separately.



- 115976** Ergo Plug Pro Set for QA23 liners. Sold as pack of 4.

- 115495** Plastic cups for SL1 CTS liners. Sold as pack of 4



- 115888** Plastic cups for SL2 liners. Sold as pack of 4

See image above

- 115497** Plastic cups for FL and Ultra liners. Sold as pack of 4

See image above

Wash Jetter

Fullwood pt#

- 053012** Jetter Plug internal black. Suits all liners except SL1, SL1CTW, SL3, SL4 and sheep



- 053010** Jetter Plug internal red. Suits liners SL1 & SL1CTW



- 053013** Jetter claw wash distributor stepped to D12.5 for smaller tube



- 053000** Jetter claw wash distributor



Wash Jetter cup

Fullwood pt#

053001 Jetter Cups rubber suitable for all Fullwood liners except SL2CTF/ Fullflow/ Sheep



053005 Jetter cups rubber ribbed type



Wash Jetters for Goat & Sheep

Fullwood pt#

030261 Jetter Y piece wash distributor for goats



068670 Jetter cup plastic clear for goats



068672 Jetter cup distributor for 068670



068675 Jetter cup distributor spare kit for 068670 comprising 20 x 068672

See image above

053022 Jetter Cup for Goat Liner



053020 Jetter Cup for sheep Liner



068710 MK2 Sheep & Goat Jetter Tray Kit



Wash Restrictors

Fullwood pt#

055029 Wash Restrictor 3.5mm Hole/10od (for rotary)



055034 Restrictor 2.75mm Hole/10od

055037 Restrictor 1.55mm Hole/16od (for BWAC)

055038 Wash Restrictor 2.75mm Hole/16od

055033 Wash Restrictor 3.5mm Hole/16od



055032 Wash Restrictor 5.5mm Hole/16od



055035 Wash Restrictor 7mm Hole/16od

See image above

055031 Wash Restrictor 1/4" Hole/1.25od



Wash valve

Fullwood pt#

051030 Wash valve 3 way 40mm PVDF



Fullclean Automatic Plant Washer

Fullwood pt#

- | | |
|---------------|--|
| 053453 | Fullclean CCW (L dosing) service kit including 2x 007716 tube, 1x054419 tube, 4x001954 hose clip, 1x001907 hose clip, 3x053446 footvalve & 1x003274 seal |
| 053454 | Fullclean CCW (S dosing) service kit including 2x 007715 tube, 1x054419 tube, 3x001907 hose clip, 3x004780 footvalve & 1x003274 seal |
| 053448 | Stainless steel 2 way Full Bore Ball valve for Fullclean system
1 x 054057 is also required when used to replace valve 051032 |
| 054057 | Small Pivot Assembly for use with 053448 valve when replacing 051032 valve |
| 051031 | Stainless steel 3 way valve for Fullclean system |



- | | |
|---------------|-----------------------------|
| 007715 | Peristaltic pump tube 4.8mm |
|---------------|-----------------------------|



- | | |
|---------------|-----------------------------|
| 054419 | Peristaltic pump tube 3.2mm |
|---------------|-----------------------------|

- | | |
|---------------|-------------------------------------|
| 007716 | Peristaltic pump autoprene tube 8mm |
|---------------|-------------------------------------|



- | | |
|---------------|-------------------------------------|
| 003573 | Peristaltic pump autoprene tube 6mm |
|---------------|-------------------------------------|

- | | |
|---------------|--|
| 007713 | Peristaltic Pump 24v dc 175rpm - large |
|---------------|--|



- | | |
|---------------|--|
| 007711 | Peristaltic pump 24v DC 240rpm - Small |
|---------------|--|



- | | |
|---------------|-------------------|
| 007777 | Rotor/Roller Assy |
|---------------|-------------------|



- | | |
|---------------|--------------|
| 007778 | Pump Housing |
|---------------|--------------|



- | | |
|---------------|------------------|
| 007779 | Pump Front Cover |
|---------------|------------------|



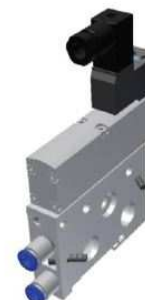
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Fullwood pt#

007781 Housing (Screw On)**007782** Rotor For Autoprene**003557** Chemical tube braided Blue 8mm x 13.5mm, sold per metre**003558** Chemical tube braided Red 8mm x 13.5mm, sold per metre**003554** Chemical tube braided Clear 6.3mm x 11.5mm, sold per metre**003524** Red Translucent Low Toxic PVC food quality tube 1/4"ID x 1/16"wall, sold per metre**003525** Blue Translucent Low Toxic PVC food quality tube 1/4"ID x 1/16"wall, sold per metre**071696** Clear Translucent Low Toxic PVC food quality tube 1/4"ID x 1/16"wall, sold per metre**007316** Solenoid Spool Valve - OBSOLETE - NO STOCK AVAILABLE. See instruction sheet no 006972 Fullclean Solenoid Relocation Instruction Sheet for recommended replacement. Use relocation kit 053481 plus 053484 or 053485 or 053486 or 053487**053481** Solenoid relocation kit**053484** Single solenoid assembly

continuation of previous page

Fullwood pt#

053485 Double solenoid assembly**053486** Triple solenoid assembly**053487** Quad solenoid assembly**053488** Additional solenoid assembly

Hyperclean III Automatic Plant Washer



Hyperclean III Unit



3 dosing pumps

Fullwood pt#

115927	Hyperclean III automatic plant washer kit, 3 dosing pumps and ZP valves	See image above
115928	Hyperclean III automatic plant washer kit including temperature sensing, 3 dosing pumps and ZP valves	See image above
115905	Hyperclean III dosing pump unit, 3 dosing pumps	See image above
115915	Hyperclean III PSU 24vAC 300VA - Not included in the kits	
115910	24vDC motor for Hyperclean III dosing pump OBSOLETE - LIMITED STOCK AVAILABLE	
115583	Dosing Pump for Hyperclean III	
116630	Dosing Pump Tube for Hyperclean III	
115791	Hyperclean III 3-way 40mm Separation valve kit includes valve, fixation plate and PVC couplings	
115459	3-way 40mm Valve only (no fittings or mounting plate)	
054066	24vAC Solenoid Valve Kit. Required to link Hyperclean to Air injection	

continuation of previous page

Fullwood pt#

115969 Zero Pressure Water Valve



115998 Pressure switch for Hyperclean III



115797 Antenna switch for delivery line for Hyperclean III



Wash Troughs

Fullwood pt#

013491	Wash trough stainless steel rectangular wall mounted 300ltr		
115074	Wash trough stainless steel rectangular wall mounted 250ltr		See image above
115507	Wash trough stainless steel rectangular wall mounted 150ltr		See image above
115506	Wash trough stainless steel rectangular wall mounted 100ltr		See image above
115039	Wash trough lid for stainless steel rectangular wash trough 150ltr		
115038	Wash trough lid for stainless steel rectangular wash trough 100ltr		See image above
115397	Wash trough half round single 130ltr		
013492	Wash trough half round single 100ltr		See image above
115396	Wash trough half round single 70ltr		See image above
115395	Wash trough half round single 50ltr		See image above
115723	Lid for 50ltr Half Round Wash Trough		
115724	Lid for 70ltr Half Round Wash Trough		See image above
115725	Lid for 100ltr Half Round Wash Trough		See image above
115726	Lid for 130ltr Half Round Wash Trough		See image above
013493	Wall mounting brackets for half round wash troughs		
013495	Plug for stainless steel rectangular and half round wash troughs		
013494	Outlet set 38dia (1 1/2") for stainless steel rectangular and half round wash troughs		

Pulsation Equipment



Legato Life Pulsator 24V

Fullwood pt#

142900 Legato Life Pulsator only 24V with 4 pole connector and 1/2"BSP mounting less cable



142901 Legato Life Pulsator QM 24V with 4 pole connector and quick mount (QM) fittings less cable



142940 Legato Life Pulse Pulsator 24V 2pole cable x 10m (integral pulsation PCB)



Legato Life Pulsator 12V

Fullwood pt#

142930 Legato Life Pulsator only 12V with 4 pole connector and 1/2"BSP mounting less cable



142931 Legato Life Pulsator QM 12V with 4 pole connector and quick mount (QM) fittings less cable



Legato Life Pulsator Cables

Fullwood pt#

142962 Legato Life lead 4core female 0.2mtrs (Diagram Item 20/B)



142910 Legato Life cable 4pole 1x4core 1.5mtrs (Diagram Item 28)



142911 Legato Life cable 4pole 1x4core 5mtrs (Diagram Item 28)

See image above

continuation of previous page

Fullwood pt#		
142912	Legato Life cable 4pole 1x4core 10mtrs (Diagram Item 28)	See image above
142913	Legato Life cable 4pole 1x4core 20mtrs (Diagram Item 28)	See image above
142914	Legato Life cable 4pole 1x4core 35mtrs (Diagram Item 28)	See image above
142920	Legato Life cable 4pole 2x2core 1.5mtrs (Diagram Item 28)	
142921	Legato Life cable 4pole 2x2core 5mtrs (Diagram Item 28)	See image above
142915	Legato cable adaptor 4pole - 3pole	
042922	Legato Power Supply Cable 3 core - 10mtr long (Diagram Item 21a)	
042933	Legato Lead 3core male 20mtr	

Legato Life Pulsator Service Parts

Fullwood pt#		
042979	Filter & Silencers for pulsators Legato & Legato Life pair	
042992	Legato Life Pulsation restrictor 4mm	
042989	Legato Pulsator "C" Phase Restrictor	
142990	Legato Life piston & seal kit	
142991	Legato Life Overhaul seal kit comprising 1x142970 upper dia, 1x142973 centre dia, 2x142976 reversal piston, 1x142977 lower dia	

continuation of previous page

Fullwood pt#

142970 Legato Life upper diaphragm (Diagram Item 9)



142973 Legato Life centre diaphragm (Diagram Item 12)



142976 Legato Life reversal piston (Diagram Item 14)



142977 Legato Life lower diaphragm (Diagram Item 15)



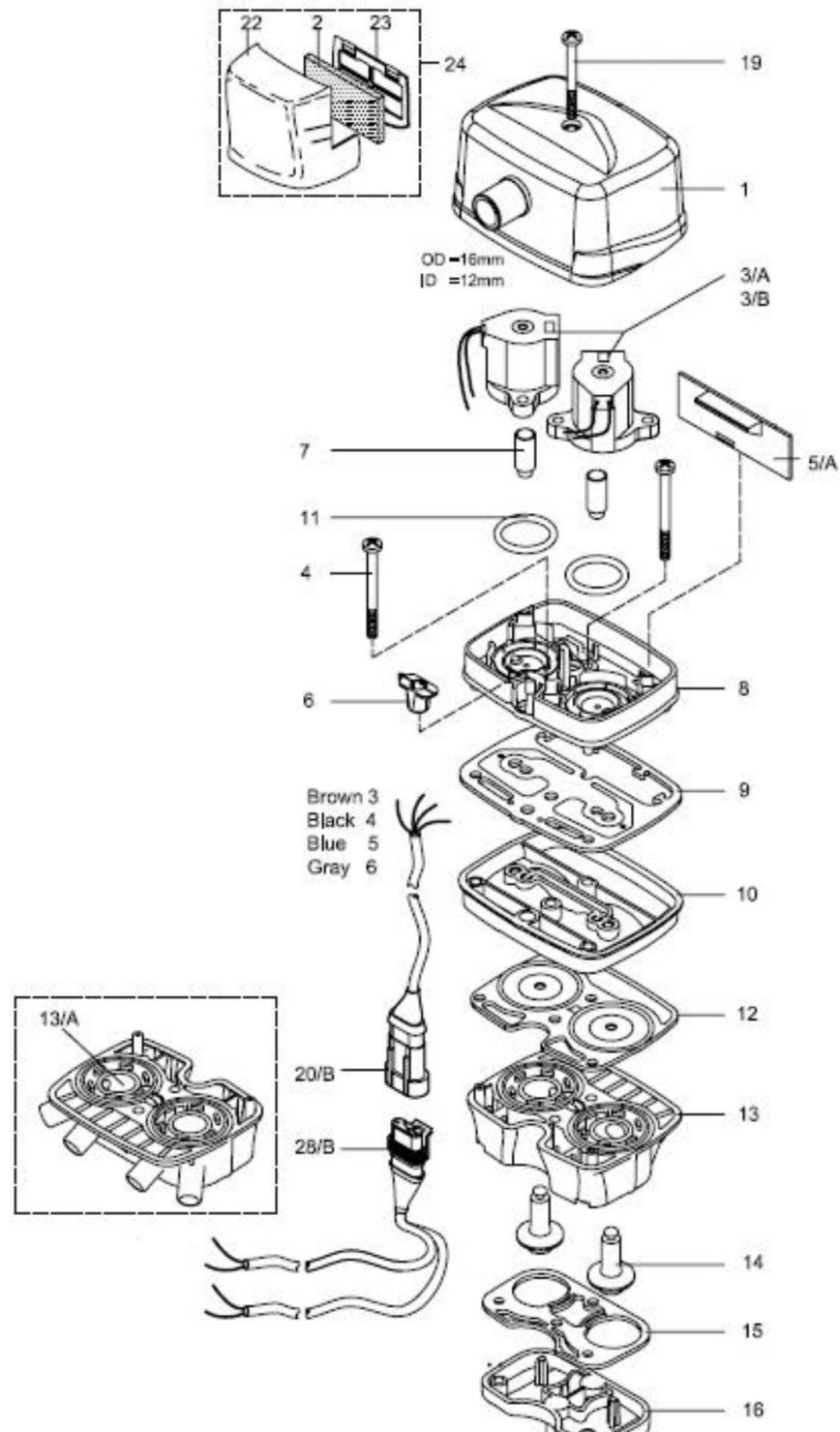
142981 Legato Pulsator external air filter with latch - used on control valves or with small installations (Diagram Item 24) replaces part number 042923



042926 Legato Pulsator internal air filter (Diagram Item 2)



Legato Life Diagram



Legato Life Pulsator parts listing

Fullwood pt#

042916 Legato Pulsation PCB spare

042927 Legato Solenoid only 24vDC



042928 Legato Solenoid only 12vDC

See image above

042961 Solenoid fixing screw (Diagram Item 4)

142963 Electric connection card 4 way (Item 5/A)

142967 Legato Life cable clip (Diagram Item 6)

142969 Legato Life upper body (Diagram Item 8)

142971 Legato Life lower centre body (Diagram Item 10)

042955 QM kit Internal O-Ring (Diagram Item 11)



142974 Legato Life central body - 2 exits (Diagram Item 13)

142975 Legato Life central body - 4 exits (Diagram Item 13/A)

142978 Legato Life body bottom (Diagram Item 16)

142979 Legato Life main screw (Diagram Item 19)

042941 Legato & Life QM clean air kit



042940 Legato & Life QM kit only



Legato Pulsator 24V

Fullwood pt#

042920 Legato 24vDC Pulsator only including 3 x 1 cable



continuation of previous page

Fullwood pt#

042903 Legato QM 24vDC Pulsator & clean air line kit complete



Legato Pulsator 12V

Fullwood pt#

042930 Legato 12vDC Pulsator only including 3 x 1 cable



042913 Legato QM 12vDC Pulsator & clean air line kit complete



Legato Pulsator Cables

Fullwood pt#

042918 Legato Lead 2core female 0.2mtr (Diagram Item 20a)

042973 Legato Lead 3core female 0.2mtr



042922 Legato Power Supply Cable 3 core - 10mtr long (Diagram Item 21a)



042933 Legato Lead 3core male 20mtr

142915 Legato cable adaptor 4pole - 3pole



Legato Pulsator Service Parts

Fullwood pt#

042926 Legato Pulsator internal air filter (Diagram Item 2)



continuation of previous page

Fullwood pt#

042934 Legato Piston + Rubber Seals (Diagram Item 7)



042924 Legato Service kit including Piston complete with rubber seals (qty 2) Upper diaphragms with integral seal (qty 1) Reversal diaphragm (qty 2) Lower diaphragms with integral seal (qty 1) Reversal Piston seal (qty 2)



042959 Legato pre-built service kit



142981 Legato Pulsator external air filter with latch - used on control valves or with small installations (Diagram Item 24) replaces part number 042923



042943 Legato Lower Diaphragm Springs (Diagram Item 25)



042993 Legato Base Red Restrictor

042938 Legato reversal piston seal (Diagram item 16)

042979 Filter & Silencers for pulsators Legato & Legato Life pair



Legato Pulsator spares

Fullwood pt#

042927 Legato Solenoid only 24vDC



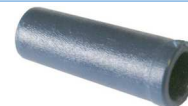
042928 Legato Solenoid only 12vDC

See image above

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Fullwood pt#

042977 Legato Pulsator outlet restrictor BU 5mm



042987 Legato Pulsator outlet restrictor CL 4mm

Legato Pulsator Accessories

Fullwood pt#

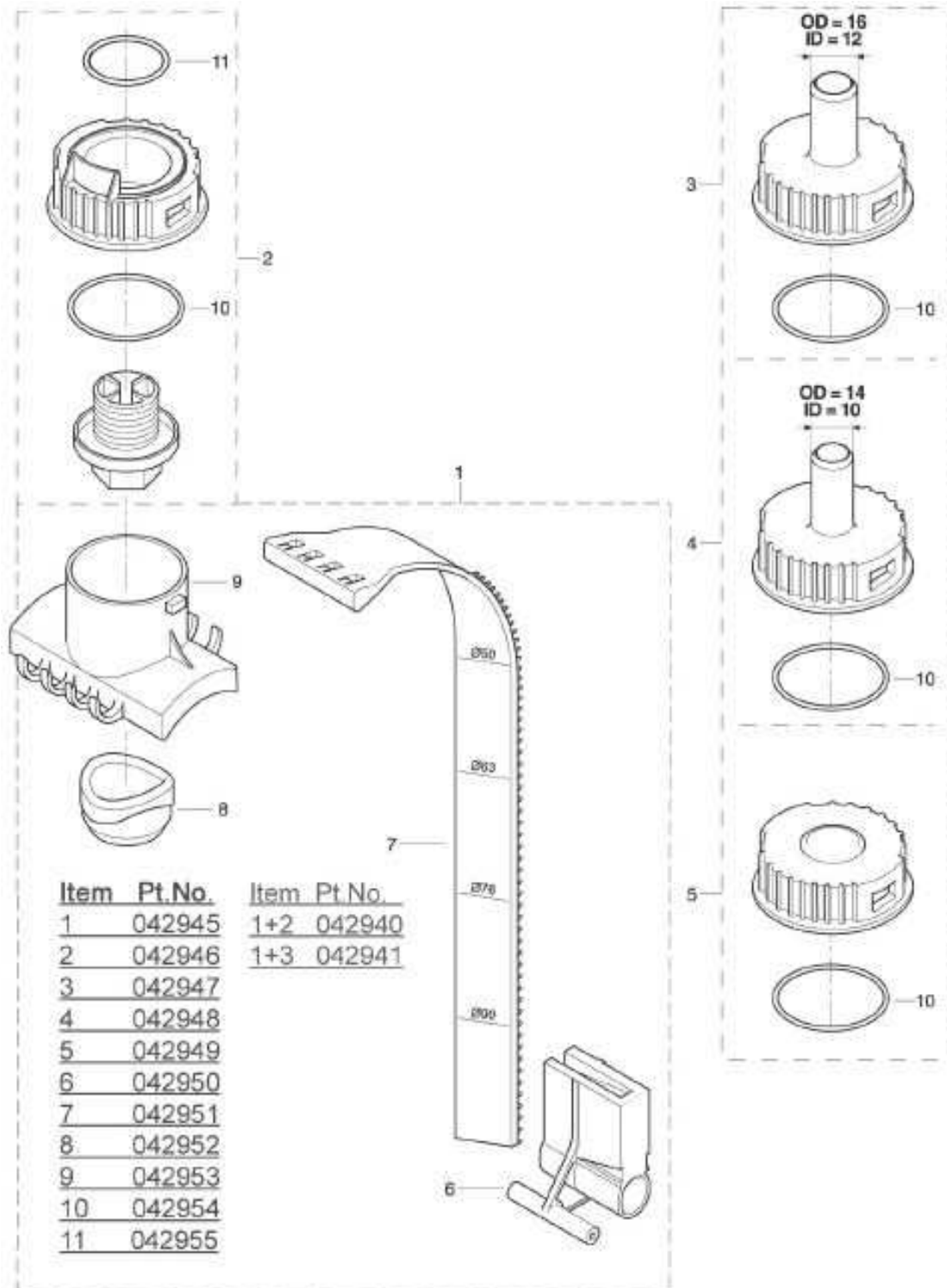
042941 Legato & Life QM clean air kit



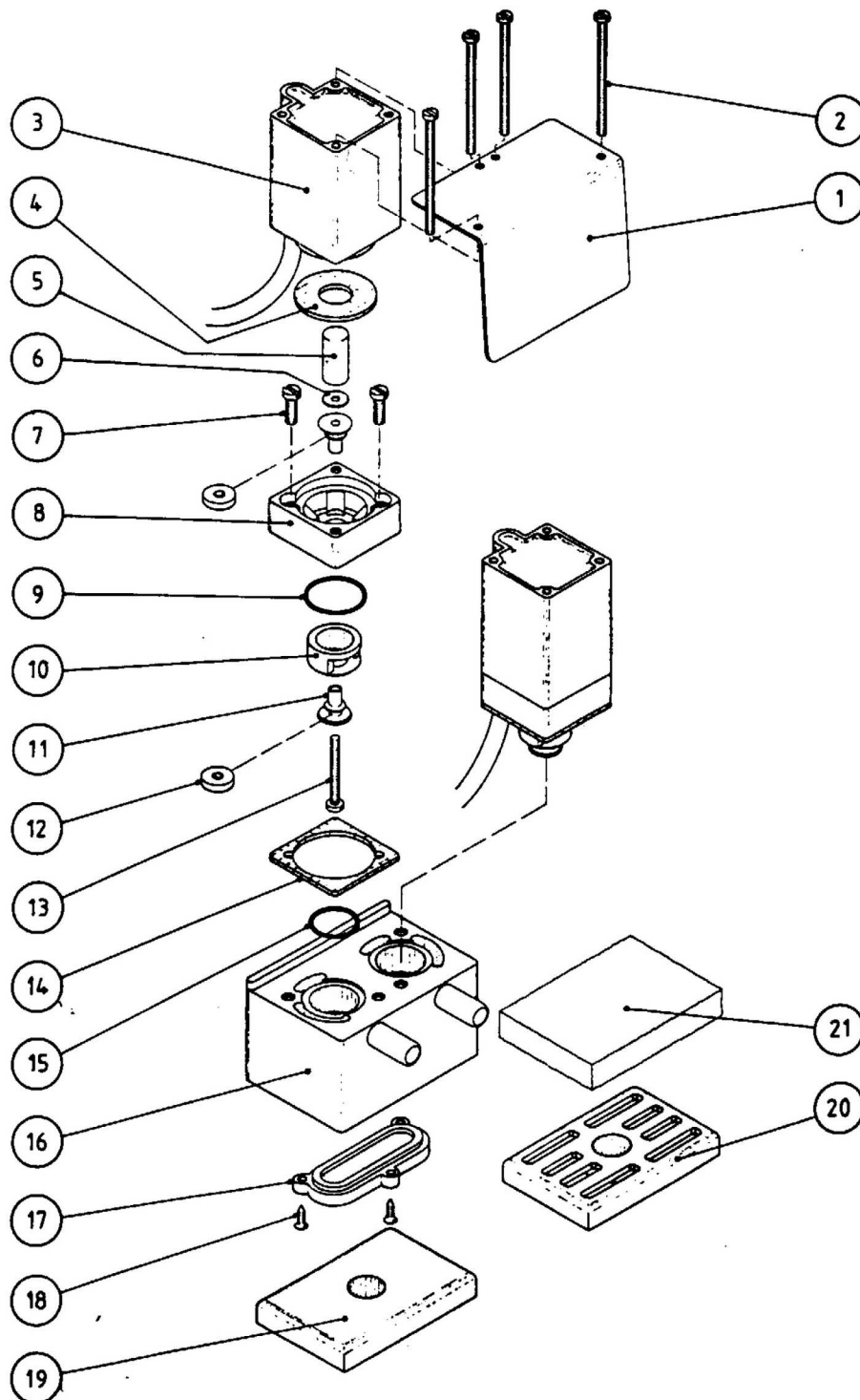
042940 Legato & Life QM kit only



Legato Quick Mounting (QM) System



Bitron Pulsator Diagram



Bitron Pulsator parts listing

Fullwood pt#

043230 Bitron pulsator assembly (no slots) - for spares only



043251 Bitron Stainless Steel cover (Diagram Item 1)

000996 Screw (Diagram Item 2)

043257 Solenoid for Bitron & Unitron (Diagram Item 3)



043242 Bitron Solenoid seal (Diagram Item 4 & 14)



043249 Armature for Bitron (Diagram Item 5) Unitron (Diagram Item 4)



043238 Bitron shim (Diagram Item 6)

000538 M4 Screw - Bitron (Diagram Item 7) Unitron (Diagram Item 5)

043244 Solenoid base assembly - Bitron (Diagram Item 8) Unitron (Diagram Item 6)

007634 Large O-ring - 2" Dari Line (Diagram Item 3) 2.5"Dari Line(Diagram Item 17) Bitron (Diagram Item 9) Unitron (Diagram Item 10) Pulsman (Diagram Item 6)



043232 Bitron valve seat insert (Diagram Item 10)



043256 Bitron Base & Valve kit (Diagram Item 11)



043240 Rubber seal (Diagram Item 12)

000532 Screw (Diagram Item 13)

007635 O Ring (Diagram Item 15)

043237 Bitron Base assembly (Diagram Item 16)

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Fullwood pt#

043236 Bottom moulding (without slots) (Diagram Item 19)

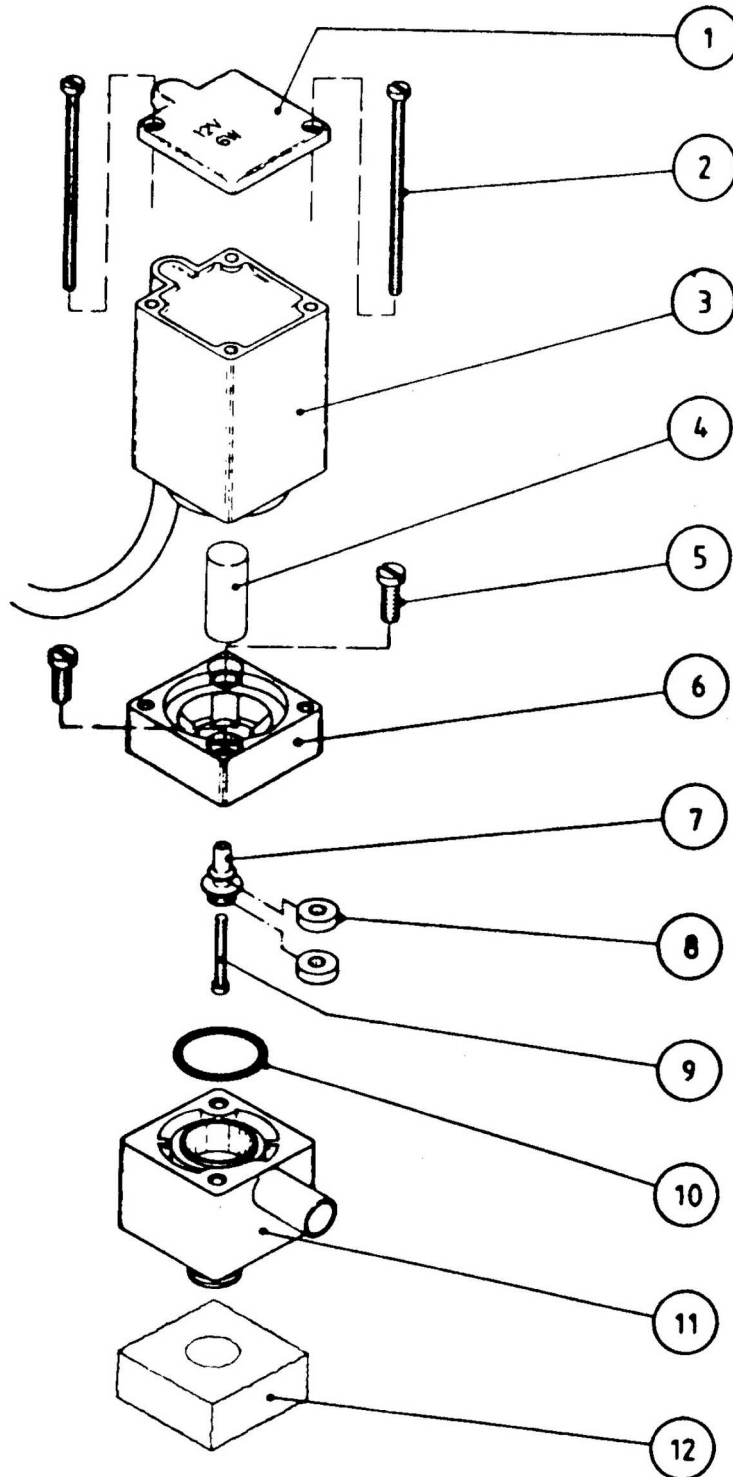
043241 Bitron filter sponge (Diagram Item 21)



043291 Bitron air restrictor 4mm



043295 Bitron Service Kit including 1 x 043256 base & valve assy & 1 x 043241 filter element

Unitron Pulsator Diagram

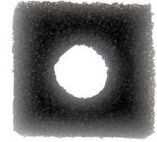
Unitron Pulsator parts listing

Fullwood pt#

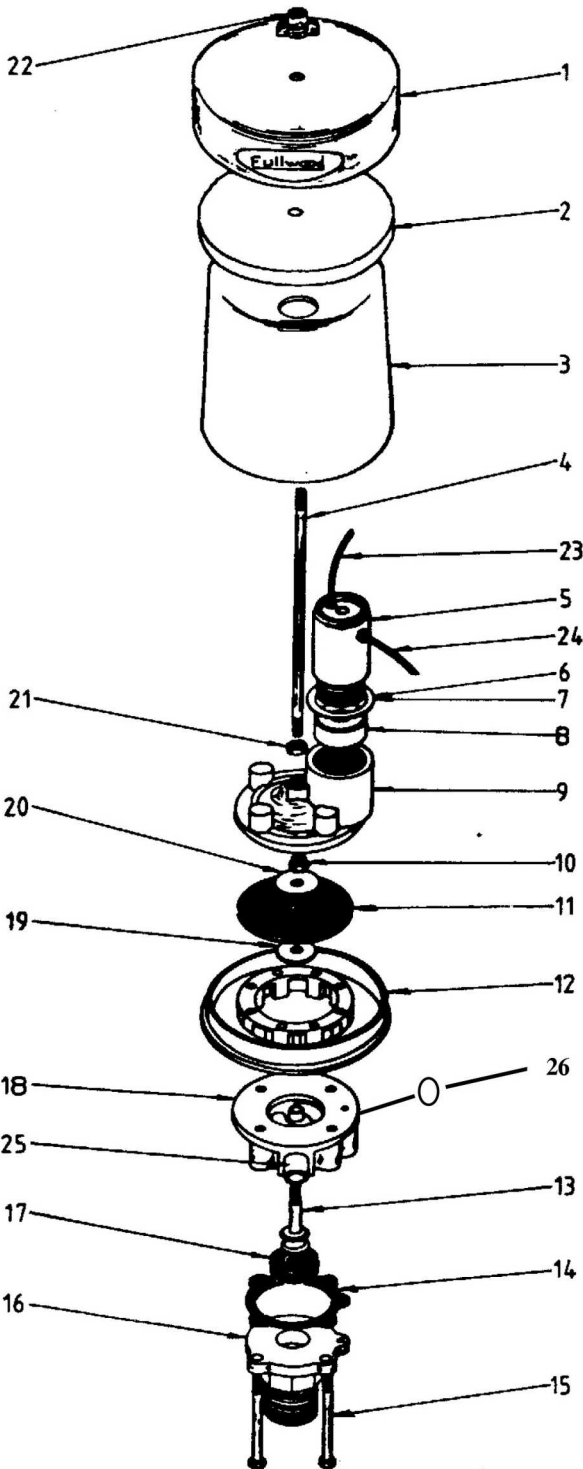
043260 Unitron Pulsator**043263** Unitron plastic cover (Diagram Item 1)**000996** Screw (Diagram Item 2)**043257** Solenoid for Bitron & Unitron (Diagram Item 3)**043249** Armature for Bitron (Diagram Item 5) Unitron (Diagram Item 4)**000538** M4 Screw - Bitron (Diagram Item 7) Unitron (Diagram Item 5)**043244** Solenoid base assembly - Bitron (Diagram Item 8) Unitron (Diagram Item 6)**043262** Valve spool (Diagram Item 7)**043239** Rubber seal (Diagram Item 8)**000542** Screw (Diagram Item 9)**007634** Large O-ring - 2" Dari Line (Diagram Item 3) 2.5"Dari Line(Diagram Item 17) Bitron (Diagram Item 9) Unitron (Diagram Item 10) Pulsman (Diagram Item 6)**043265** Unitron Base & valve kit (Diagram Item 11)

continuation of previous page

Fullwood pt#

043264 Unitron Filter sponge (Diagram Item 12)**043272** Unitron Service kit including 1 x 000542 screw, 1 x 007634, 2 x 043239, 1 x 043244, 1 x 043249, 1 x 043262 & 3 x 043292 plastic shim

Electronic Master Relay Diagram



Master Relay Electronic parts listing

Fullwood pt#

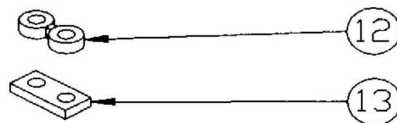
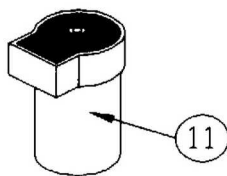
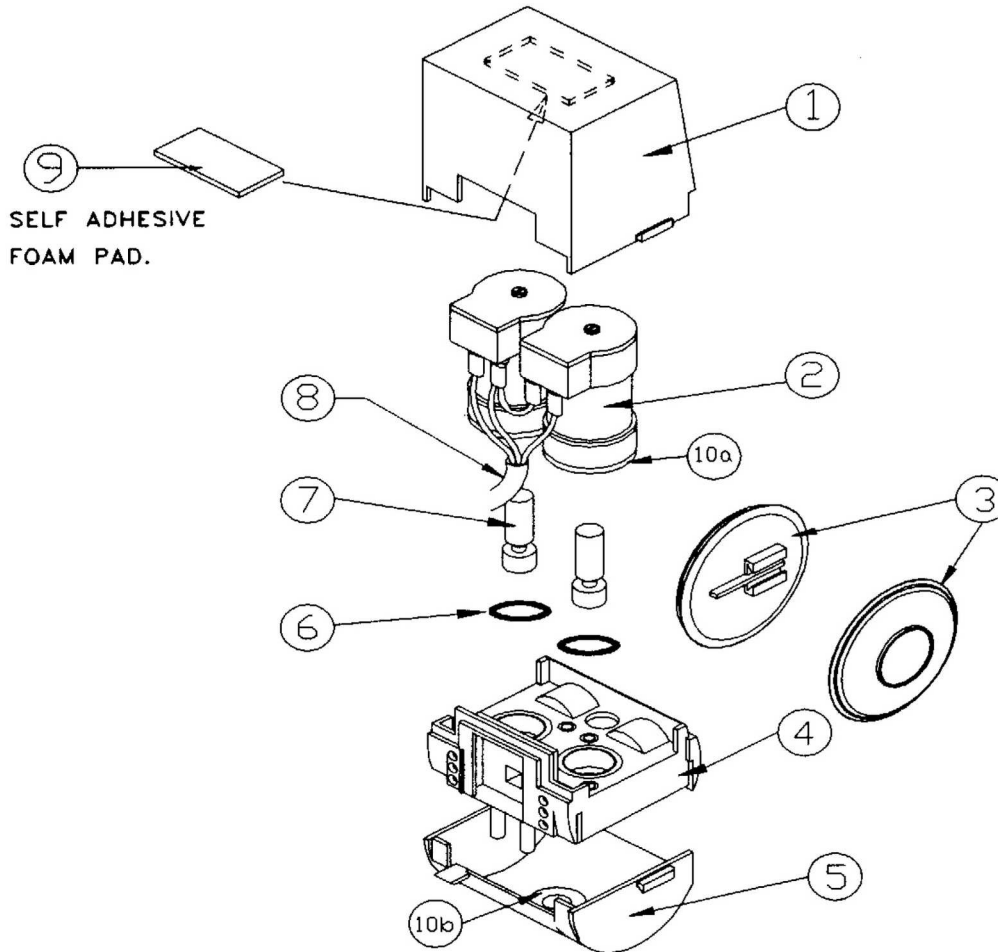
043375 Master Relay Electronic pulsator complete**043389** Top Cover (Diagram Item 1)**043396** Master Relay top sponge filter (Diagram item 2) included in service kit 043421**043388** Bottom cover (Diagram Item 3)**043393** Cover fixing stud (Diagram Item 4)**043391** Master Relay Solenoid electronic 12vlt (Diagram Item 5)**043039** Spacing washer (Diagram Item 6 & 7)**043027** Valve (Master Relay - Diagram Item 8) MINIMUM ORDER QUANTITY 10**043390** Top section (Diagram Item 9)**001115** Nut (Diagram Item 10)**043414** Master Relay electronic diaphragm (Diagram Item 11) included in service kit 043421

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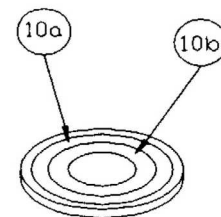
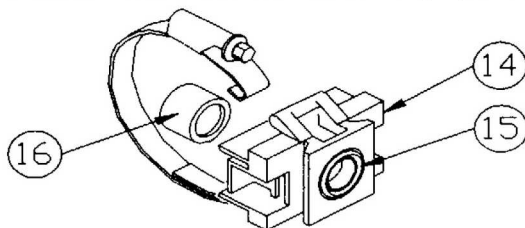
Fullwood pt#

043379	Filter housing base section (Diagram Item 12)	
043326	Spindle (Diagram Item 13) included in service kit 043421	
043382	Master Relay electronic base diaphragm (Diagram Item 14) included in service kit 043421	
000066	Stainless Steel Bolt (Diagram Item 15)	
043377	Master Relay Base section (Diagram Item 16)	
042237	Master Relay rubber boost valve (Diagram Item 17) included in service kit 043421	
043378	Connection section (Diagram Item 18)	
042228	Plastic washer (Diagram Item 19)	
042229	Master Relay electronic diaphragm washer (Diagram Item 20)	
001273	Stainless Steel nut (Diagram Item 21)	
043383	Cover retaining nut (Diagram Item 22)	
007633	O-ring (Diagram Item 26) Servo valve (Diagram Item 5) included in service kit 043421	
043421	Master Relay Service kit including 1 x 001115 nut, 1 x 043382 gasket, 1 x 042237 boost valve, 1 x 043326 spindle s/assy, 1 x 043414 diaphragm, 1 x 043396 filter, 1 x 007633 O-ring	

Pulsman Pulsator Diagram



Vacuum connection assembly parts



ITEM 10
SELF ADHESIVE FOAM PAD.

Pulsman Pulsator parts listing

Fullwood pt#

043150 Pulsman Pulsator - for spares only**043149** Pulsman Pulsator with mounting assembly - for spares only**043186** Top Cover assembly (Diagram Item 1)**043183** Pulsman Solenoid assembly each (Diagram Item 2 & 11)**043154** End plates (Diagram Item 3)**043182** Pulsman Base assembly (Diagram Item 4)**043184** Bottom cover moulding including foam seal (Diagram Item 5)**007634** Large O-ring - 2" Dari Line (Diagram Item 3) 2.5"Dari Line(Diagram Item 17) Bitron (Diagram Item 9) Unitron (Diagram Item 10) Pulsman (Diagram Item 6)**043163** Pulsman Pulsator Piston & valve assembly (Diagram Item 7)**043187** Self adhesive foam pad (Diagram Item 9)**043176** Pulsman Pulsator solenoid foam seal (Diagram items 10a & 10b)**043168** Pipe mounting moulding (Diagram Item 14)

continuation of previous page

Fullwood pt#

042830 Pulsman Pulsator mounting clamp pulsator rubber seal (Diagram Item 15)



043175 Pulsman Pulsator mounting clamp vacuum line rubber seal (Diagram Item 16)



043189 Pulsman Service Kit including 2 x 043163 Pulsman valve assy, 2 x 007634 O ring, 2 x 043176 sealing ring & 1 x 043187 foam pad

Quadro Puls Pulsation Control



Fullwood pt#

099100	Quadro Puls pulsation control 12v
099090	Quadro Puls pulsation control 24v Euro version

Quadro Puls 12v Spares

Fullwood pt#

099185	Quadro-Puls UK PCB 12v version
096887	Transformer 128va Quadro 12v



097716	Fused 5W Terminal Block
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097871	33000MF 16v Capacitor Electrolytic
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097865	Fuse Anti surge 20x5 1.6A T
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097870	47000MF 25v Capacitor Electrolytic 35diax81mm
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096138	Bridge Rectifier 25Amp 400V 4-pin For use on Quadro puls and dosing pumps
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095649	Fuse 200mA T TR5 Euro
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Quadro Puls 24v Spares

Fullwood pt#

099184	Quadro Puls Euro PCB Assy
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099093	Transformer 220VA 18.5V O/P
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095649	Fuse 200mA T TR5 Euro
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Fullwood pt#

096138 Bridge Rectifier 25Amp 400V 4-pin
For use on Quadro puls and dosing pumps



096048 47000mf 40V Capacitor 52dia X 81mm



097716 Fused 5W Terminal Block



097860 Fuse 5a 20 x 5mm Q/B Glass

Relay Pulsator

Fullwood pt#

043119 Relay Pulsator spring loaded MINIMUM ORDER QUANTITY 10



042718 Relay Pulsator spring loaded diaphragm



043111 Pulse Relay Diaphragm



043117 Pulse Relay Valve Rubber



043109 Pulse Relay Service Kit including 1 x 043111, 1 x 043117

See image above

Fullpuls Vacuum Pulsator

Fullwood pt#

042850 Fullpuls II pulsator 60/40 (LL90)



042851 Fullpuls II pulsator 50/50 (LL90)



042853 Fullpuls II pulsator 65/35 (LL90)

See image above

042881 Fullpuls III pulsator 60/40 (L02)



042882 Fullpuls III pulsator 50/50 (L02)

See image above

042880 Fullpuls III pulsator 65/35 (L02)

See image above

042883 Fullpuls II pulsator slide kit including 60/40 - 65/30 - 50/50 slides



042846 Fullpuls III pulsator 60/40 (L02) Maintenance kit



042847 Fullpuls III pulsator 50/50 (L02) Maintenance kit

See image above

042848 Fullpuls III pulsator 65/35 (L02) Maintenance kit

See image above

042884 Service Kit - Fullpuls III



continuation of previous page

Fullwood pt#

042843 Fullpuls II pulsator 60/40 (LL90) Maintenance kit**042844** Fullpuls II pulsator 50/50 (LL90) Maintenance kit

See image above

042845 Fullpuls II pulsator 65/30 (LL90) Maintenance kit

See image above

042862 Fullpuls II (LL90) pulsator replacement filter**042823** Diaphragm small for Fullpuls 1 & 2 vacuum Pulsators**042818** Diaphragm main for Fullpuls 1 & 2 vacuum Pulsators

Pulsation Accessories

Fullwood pt#

043129 Pulsator mounting clamp 3/8" BSP for 2" PVC pipe



043127 Pulsator mounting clamp 1/2" BSP for 2" PVC pipe

See image above

043147 Pulsator mounting clamp 1/2" BSP for 3" PVC pipe

See image above

043141 Pulsator mounting clamp 1/2" BSP for 4" PVC pipe

See image above

079527 1/2" PVC Hex nipple



043142 Clean air connection kit - 16mm spigot clamp on adaptor for 80-101mmOD line



042957 QM Fullpuls III Mounting Kit



042948 QM 14mm Connector with O ring



042947 QM 16mm Conn (Clean air) with O ring

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Fullwood pt#

042958 QM Fullpuls Mounting adaptor**042832** Base adaptor 12mm id tube for Fullpuls**042833** Pipe line adaptor for Fullpuls**042805** Base adaptor for Fullpuls

ACR System



FC2 ACR System

Fullwood pt#

- 034602** FC2 user interface - suitable for cow, sheep, goat, camel & buffalo milking - keys for start stop milking - manual & automatic cluster removal - pulsation control - central commands for wash & milking - milking process info - optional remote start



- 034610** FC2 Milk Flow Sensor - for highline or lowline parlour - intelligent milk flow sensor with on-board diagnostics - maintenance free - unrestricted milk flow design creates stable vacuum, protects udder health, eliminates lipolysis and creation of foam



- 034623** FC PS10 /CV Pulsator(less QM)



- 034622** FC PS10 Pulsator or Control Valve with quick mount bracket



- 034630** FC Multi Connector 1+2 way 1.2 mtr - unique cabling system based on FarmCan - plug & play connectors without the need for specialist tools - network stability - double sealed connectors



- 034631** FC Multi Connector 1+4 way 1.2 mtr - unique cabling system based on FarmCan - plug & play connectors without the need for specialist tools - network stability - double sealed connectors

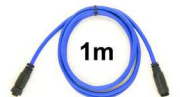
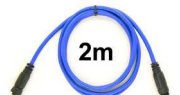


- 034676** FC Mounting bracket for part number 034630



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Fullwood pt#

034677 FC Mounting bracket for part number 034631**034632** FC Terminal blanking cap**034633** FC End of line terminator**034634** FC Comms booster**034635** FC Power supply splitter**034672** FC External start cable 2.5mtr**034645** FC Micro cable 1mtr**034646** FC Micro cable 2mtr**034647** FC Micro cable 5mtr**034648** FC Micro cable 7mtr**034649** FC Micro cable 10mtr**034660** FC Power unit 24vDC 240W with power tap

continuation of previous page

Fullwood pt#

034665 FC Power tap PCB**034666** FC Reg PSU 24vDC 240W - spare unit only - no box and tap**034625** FC Configuration Tool kit + SW OBSOLETE - LIMITED STOCK AVAILABLE**034626** FC USB to CAN converter**034627** FC Configuration software**034628** FC Configuration Magnet

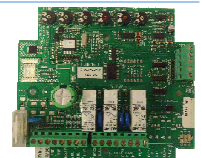
Fullstart

Fullwood pt#

115870 Fullstart II remote start**115868** Fullstart II replacement sensor module & tape**115869** Magnet for Fullstart II**115875** Pin D4 for Fullstart II

Flowmatic Plus & Flowmatic III

Fullwood pt#

034560 Flowmatic Plus Control box 24v**033842** Flowmatic sensor 10mtr**034562** Flowmatic Plus Overlay**034561** Flowmatic Plus PCB 24v**033860** Flowmatic III Control box for spares & extensions only**033873** Flowmatic III overlay**033866** Flowmatic III Control box PCB only 12v**032586** Flowmatic solenoid kit 12vDC**032587** Flowmatic solenoid kit 24vDC

See image above

032757 Flowmatic solenoid valve 12 & 24vDC plug & cable**032959** Flowmatic solenoid valve 12 & 24v line mounting kit**032678** Flowmatic solenoid 12vDC manual control

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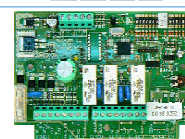
Fullwood pt#

032756 Flowmatic solenoid 24vDC waterproof cover**032755** Flowmatic solenoid 12vDC waterproof cover

See image above

Micromatic

Fullwood pt#

034510 Micromatic 2008 Control Box 24v**034511** Micromatic 2008 Control Box PCB 24v**034513** Micromatic 2008 Control Box Overlay only**034501** Micromatic 2001 Control Box PCB 12v**034503** Micromatic 2001 Control Box Overlay only

Control Valves

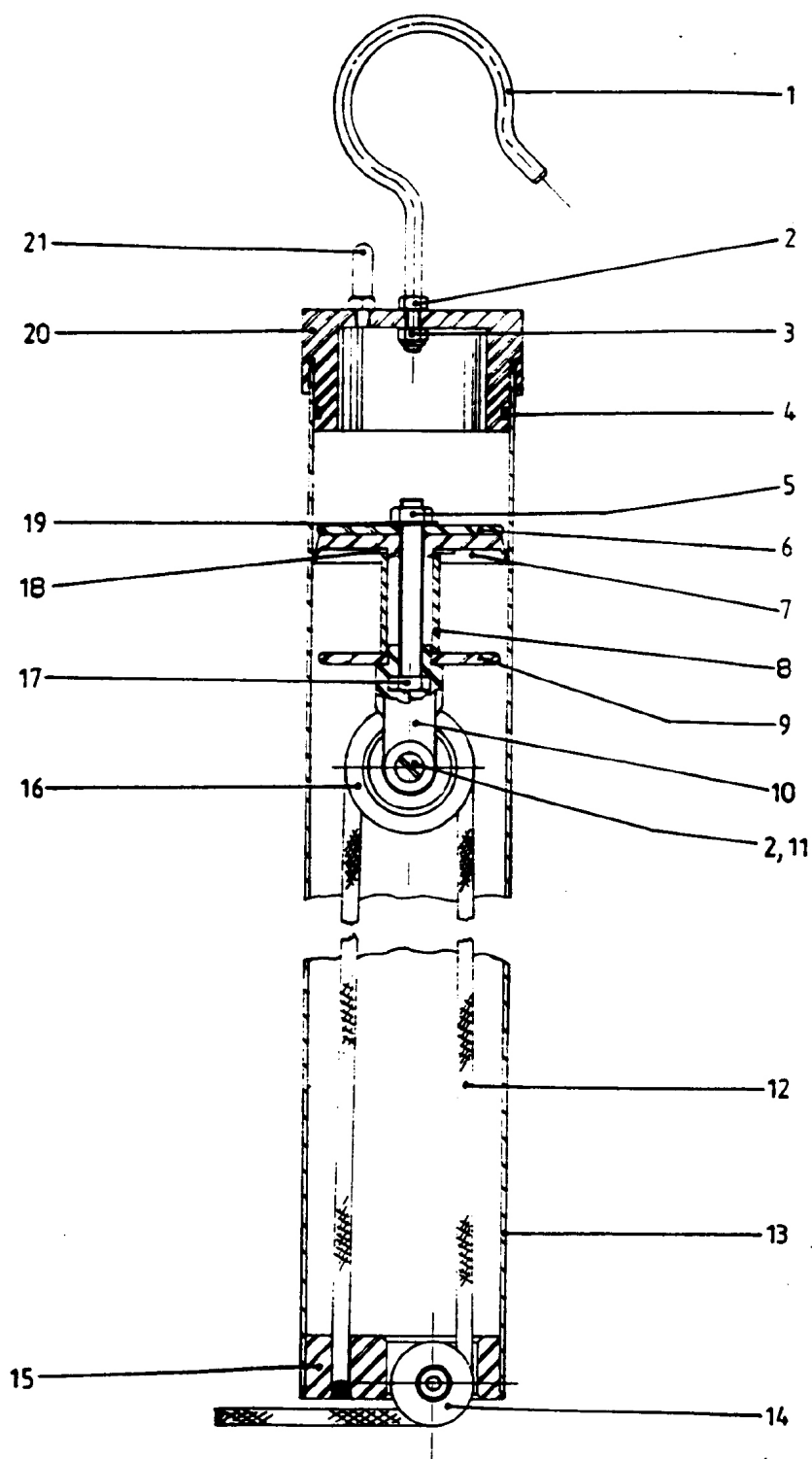
Fullwood pt#

042905 Legato QM CV (Control Valve) 24vDC & clean air line kit complete**042907** Legato QM CV (Control Valve) 24vDC 2x2c 1.5m with 4 pin plug + 2 lengths of 2 core cable 1.5mtrs long

continuation of previous page

Fullwood pt#

042925 Legato CV (Control Valve) only 24v DC**042939** Legato CV (Control Valve) only 12v DC**042978** Legato CV service Kit

Stainless Steel ACR Cylinder Diagram

Stainless Steel ACR Cylinder parts listing

Fullwood pt#

070978 Stainless Steel Vacuum Acr cylinder less hook 4mm rope**032362** Stainless Steel vacuum Acr cylinder including horizontal installation kit**032534** ACR Cylinder Mounting Kit (2 x bands) comprising 2 x 032373 brackets, 2 x 031003 saddles, 4 x 000516 screws & 4 x 001143 nuts**032373** Stainless Steel Acr Cylinder horizontal cylinder bracket**032589** Stainless Steel vacuum cylinder (with hook)**077134** Stainless Steel vacuum cylinder for use on Index 90 - less trunking and 50 degree parlour. SS cylinder is 627mm**032531** Service Kit for 4mm Stainless Steel Acr Cylinder including 1 x 032372 sealing ring, 1 x 070976 3mtr 4mm rope, 1 x 003566 4mm rope clip & 1 x 007619 O ring**032532** Service Kit for 5mm Stainless Steel Acr Cylinder including 1 x 032372 sealing ring, 1 x 085198 3mtr 5mm rope, 1 x 003408 rope clip & 1 x 007619 O ring**070976** 4mm ACR rope assy (3mtr rope & 084960 anchor clip)**085198** 5mm ACR rope assy (3mtr rope & 084960 anchor clip)**084960** Anchor clip**032368** Stainless Steel hook (Diagram Item 1)**001275** M6 Hex full nut (Diagram Item 2)**001282** M6 Nyloc nut (Diagram Item 3)**007619** O-ring (Diagram Item 4)**001262** Locknut - Stainless Steel vacuum cylinder (Diagram Item 5) Clamp valve (Diagram Item 8)**032369** Stainless Steel Acr cylinder plastic top support disc (Diagram Item 6)**032372** Stainless Steel Acr cylinder sealing ring (Diagram Item 7)**084722** Spacing tube (Diagram Item 8)**032370** Stainless Steel Acr cylinder plastic bottom support disc (Diagram Item 9)**084844** Pulley Support - moulded black plastic (Diagram Item 10)**000920** Setscrew (Diagram Item 11)

continuation of previous page

Fullwood pt#

070979 ACR rope 4mm diameter per mtr (Diagram Item 12)

032364 Stainless Steel Cylinder (Diagram Item 13)

032367 Small Pulley wheel (Diagram Item 14)



032366 Stainless Steel Acr Cylinder black plastic pulley end cap (Diagram Item 15)

080945 Pulley wheel (Diagram Item 16)



000085 Setscrew (Diagram Item 17)

001657 Stainless Steel Washer (Diagram Item 19)

032365 Stainless Steel Acr Cylinder black plastic end cap (Diagram Item 20)

003398 Hosetail elbow (Diagram Item 21)



032454 Stainless Steel Acr Cylinder pulley assembly MINIMUM ORDER QUANTITY 100



032371 Stainless Steel Acr Cylinder end cap axle

007243 Stainless Steel Acr Cylinder biolub spray 400ml



007242 Stainless Steel Acr Cylinder biolub grease 1 kg



Plastic ACR Cylinder DVC1000

Fullwood pt#

078474 Plastic Acr ram DVC 1000 Acr rope 2.7mtrs**078476** Plastic Acr ram DVC 1000 piston gasket white**078469** Plastic Acr ram DVC1000 service kit including 1 x 078476 & 1 x 078474**078490** Plastic Acr ram DVC 1000 quick exhaust valve**078471** Plastic Acr ram DVC1000 upper cover

Plastic ACR Cylinder Transfermatic

Fullwood pt#

084944 Acr rope guide nylon bush

ACR Rope



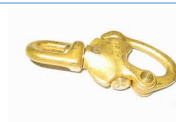
Fullwood pt#

070979	ACR rope 4mm diameter per mtr (Diagram Item 12)
003407	ACR rope 5mm diameter per mtr
070976	4mm ACR rope assy (3mtr rope & 084960 anchor clip)
085198	5mm ACR rope assy (3mtr rope & 084960 anchor clip)
292228	4mm ACR Rope (2mt Long)

ACR Rope Accessories

Fullwood pt#

084972	Acr swivel rope cluster clip brass
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003408	Acr Rope grip stainless steel
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085016	Acr rope rump rail extended guide bracket
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085166	Acr rope rump rail standard guide bracket
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085144	Acr rope swing over guide bracket
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085009	Acr rope guide bracket
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084944	Acr rope guide nylon bush
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Fullwood pt#

085004 Spacing disc**007707** 27 OD x 21 ID Circlip**078479** Acr quick release clip heavy duty plastic**084960** Anchor clip

Stainless Steel Swing Arm

Fullwood pt#

070940 Swing Arm stainless steel support arm only



070939 Swing Arm stainless steel installation kit including 1x070940 swing arm, 1x070946 spt tube assy, 1x070934 sensor plate assy, 1x070951 indent collar, 1x070953 spring loaded indent, 1x004765 tube clamp, 1x089410 clamp saddle, 1x070912 MM brkt assy & fixings

070972 Swing Arm stainless steel arm extension kit 15" including 1x079577 ext swivel end, 1x070971 swing arm ext 15", 1x032367 sml pulley wheel, 1x085229 deck bush, nuts, bolts & washers

070953 Swing Arm stainless steel spring loaded stop



070946 Swing Arm stainless steel support tube only



070980 Swing Arm tubing manifold milk & twin pulse

Vacuum Clamp Valve

Fullwood pt#

035515 Vacuum clamp valve only blue



035514 Vacuum clamp valve blue including mounting kit (saddle, screw and nuts) MINIMUM ORDER QUANTITY 20

See image above

035549 Vacuum clamp valve assembly M8 insert mounting



035541 Vacuum clamp valve blue including stainless steel mounting



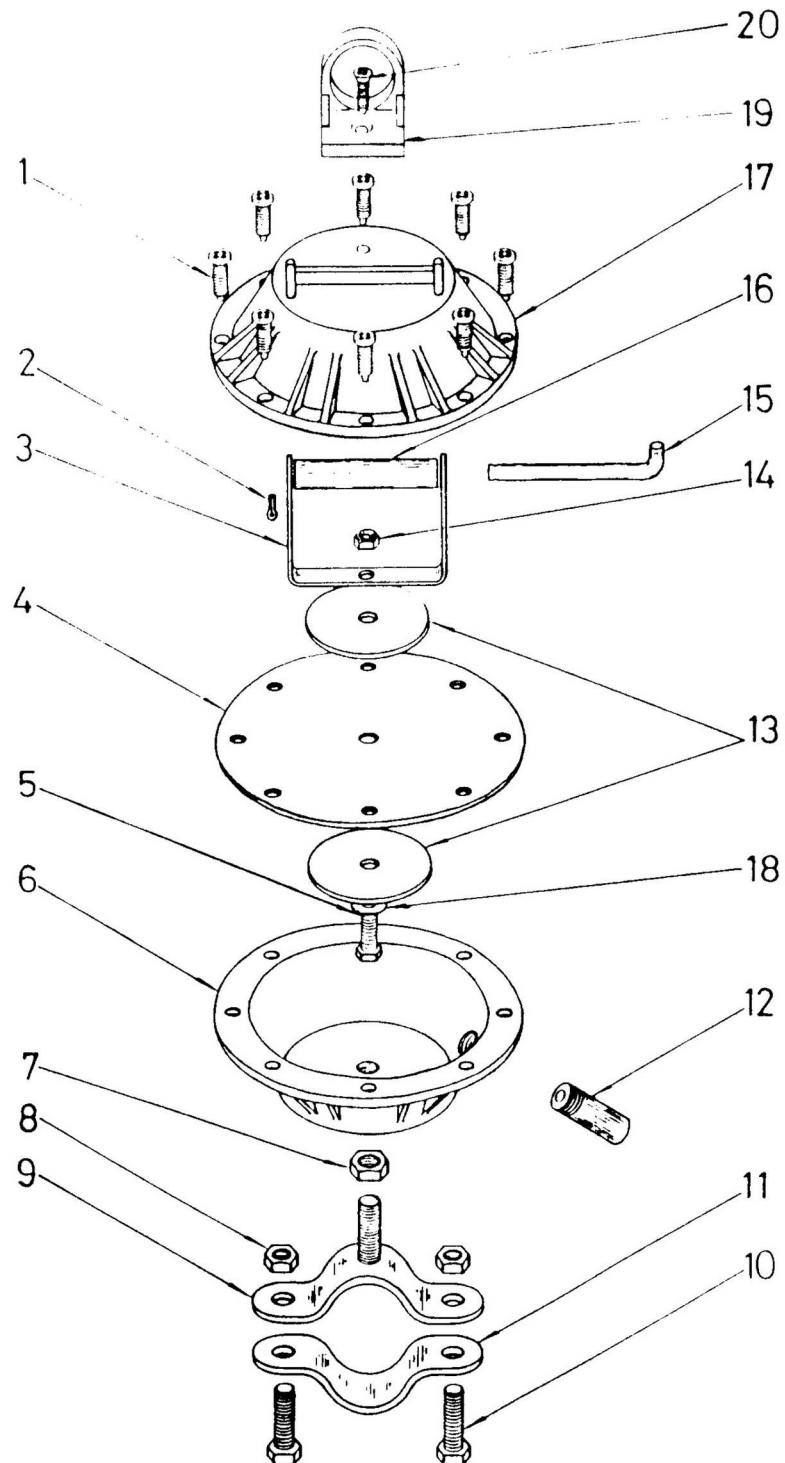
035542 Vacuum clamp valve stainless steel mounting bracket only



035497 Vacuum clamp valve blue service kit including 2 x 035527 support disc & 1 x 035530 diaphragm



Vacuum Clamp Valve Diagram



Vacuum Clamp Valve parts listing

Fullwood pt#

000421	Self tapping screw - Clamp valve (Diagram Item 1)	
001905	Stainless Steel Split Pin - Jet set (Diagram Item 12) Clamp valve(Diagram Item 2)	
035518	Vacuum clamp valve internal shut off bracket (Diagram Item 3)	
035530	Vacuum clamp valve Diaphragm (Diagram Item 4)	
000639	Setscrew - Clamp valve (Diagram Item 5)	
035519	Vacuum clamp valve body LH (Diagram Item 6)	
001056	Plain nut - Clamp valve (Diagram Item 7)	
001262	Locknut - Stainless Steel vacuum cylinder (Diagram Item 5) Clamp valve (Diagram Item 8)	
035516	Vacuum Clamp valve mounting bracket plated (Diagram Item 9) MINIMUM ORDER QUANTITY 10	
000632	Setscrew - Clamp valve (Diagram Item 10)	
031003	Galvanised saddle 1" - Clamp Valve (Diagram Item 11)	
035534	Vacuum clamp valve vacuum nipple blue (Diagram Item 12)	
035527	Vacuum clamp valve diaphragm support disc (Diagram Item 13)	
001265	Nyloc nut - Clamp valve (Diagram Item 14)	
035523	Vacuum clamp valve shut off tube stainless steel (Diagram Item 16)	
035520	Vacuum clamp valve body RH (Diagram item 17) MINIMUM ORDER QUANTITY 50	
001521	Washer - Clamp valve (Diagram Item 18)	
035537	Vacuum clamp valve vacuum milk tube guide (Diagram Item 19)	
000922	Screw - Clamp valve (Diagram Item 20)	
035497	Vacuum clamp valve blue service kit including 2 x 035527 support disc & 1 x 035530 diaphragm	

Combination Control Valve

Fullwood pt#

032960 Combination Control Valve



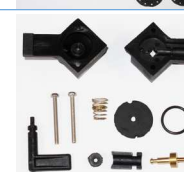
032956 Combination Control Valve Kit including 12v solenoid

032955 Combination Control Valve Kit including 24v solenoid

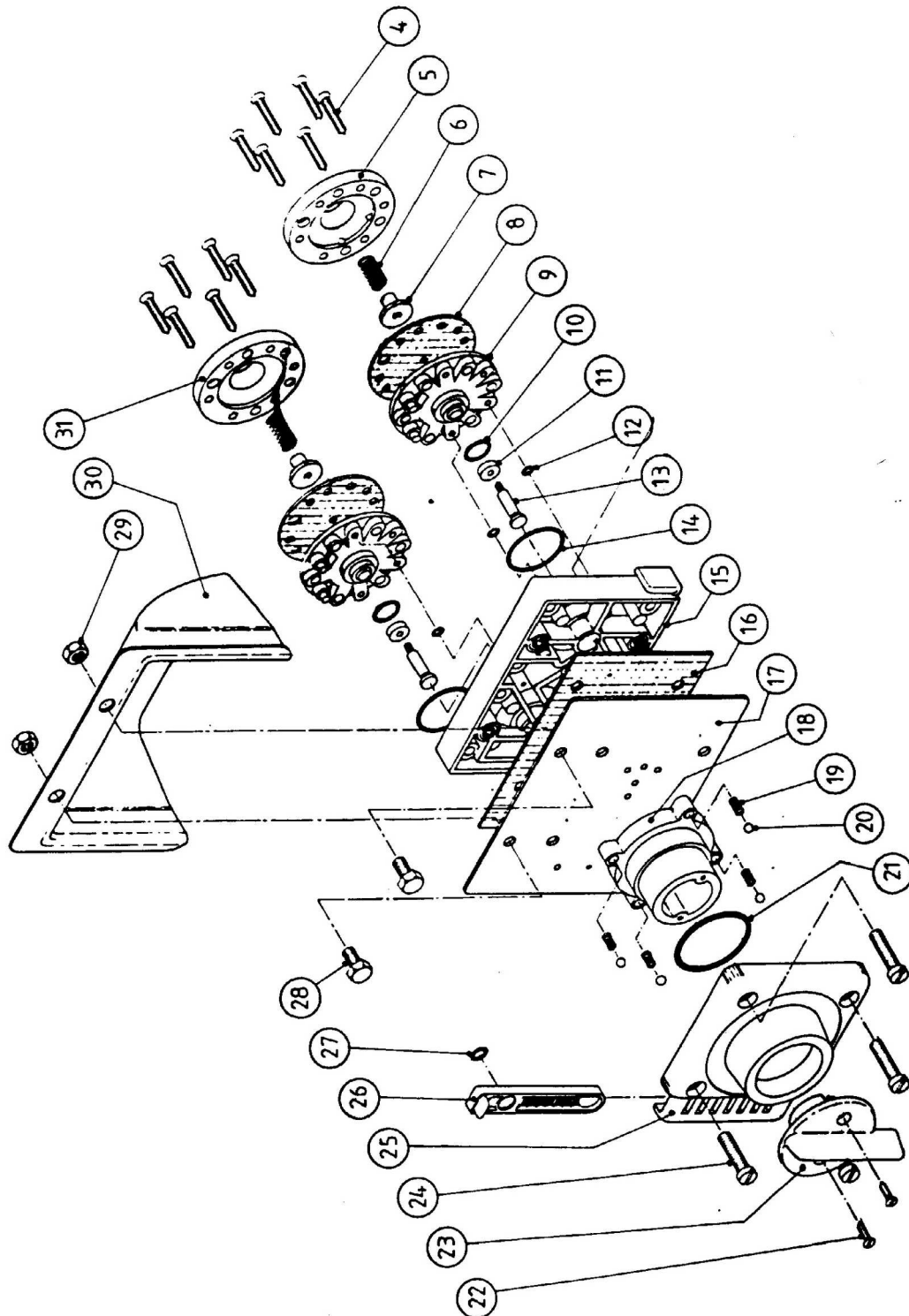
032679 Combination Control Valve Service Kit including 2x002944 spring, 3x007617 o-ring, 2x007628 o-ring, 2x007629 o-ring, 2x032664 relay valve rubber, 1x032665 rubber gasket, 2x032666 diaphragm, 1x032975 diaphragm, 1x032978 valve rubber and instruction leaflet



032980 Combination Control Valve manual lever kit



Combination Control Valve Diagram



Combination Control Valve parts listing

Fullwood pt#

032679 Combination Control Valve Service Kit including 2x002944 spring, 3x007617 o-ring, 2x007628 o-ring, 2x007629 o-ring, 2x032664 relay valve rubber, 1x032665 rubber gasket, 2x032666 diaphragm, 1x032975 diaphragm, 1x032978 valve rubber and instruction leaflet



032975 Diaphragm (Diagram Item 5)



002944 Spring (Diagram Item 6)

032666 Relay diaphragm (Diagram Item 8)

007628 O-ring - 5/8" valve (Diagram Item 8), Combination control valve (Diagram Item 10)

032664 Relay valve rubber for Black reversing relay valve 032680 and Combination Control Valve 032960 (Diagram Item 11)

007617 O-ring - Servac (Diagram Item 8) included in service kit 045277, Combination control valve (Diagram Item 12) MINIMUM ORDER QUANTITY 50



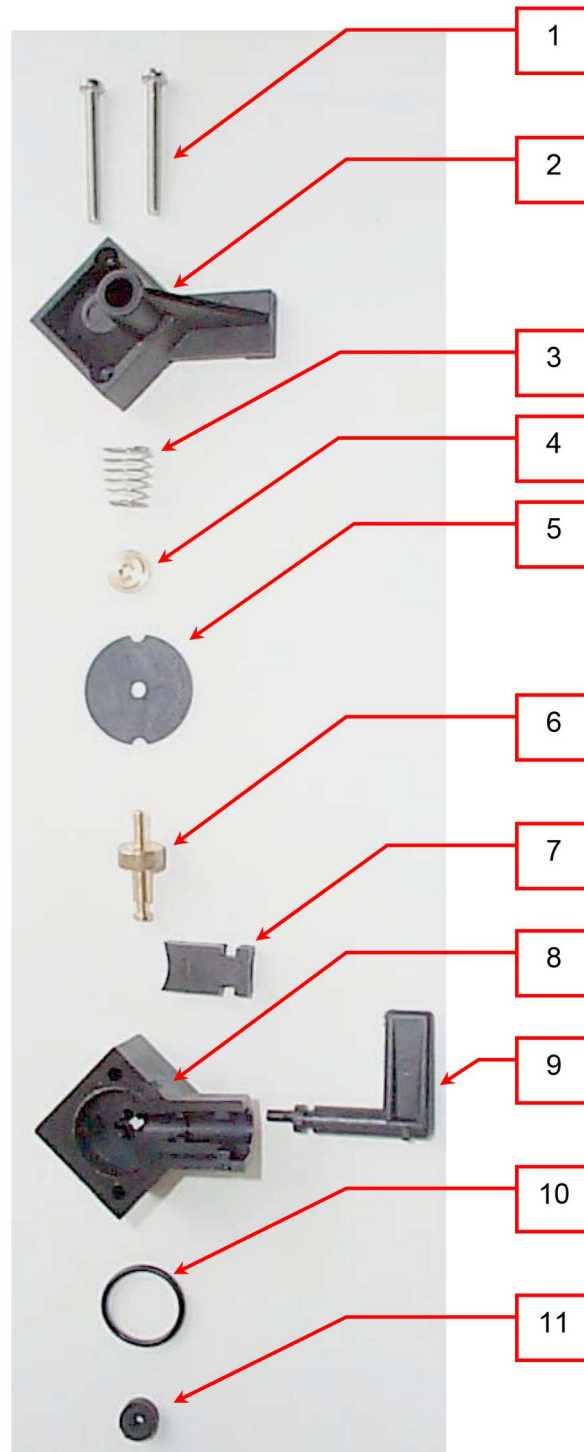
007629 O-ring (Diagram Item 14)

032758 Combination Control Valve main body spare - 6 inserts (Diagram Item 15)



032665 Rubber Gasket (Diagram Item 16)

Combination Valve Manual Lever Kit Diagram



Combination Valve Manual Lever Kit parts listing

Fullwood pt#

- | | |
|---------------|--|
| 000403 | Screw (Diagram Item 1) |
| 032971 | Top section moulding (Diagram Item 2) |
| 002942 | Conical spring (Diagram Item 3) |
| 032980 | Combination Control Valve manual lever kit |

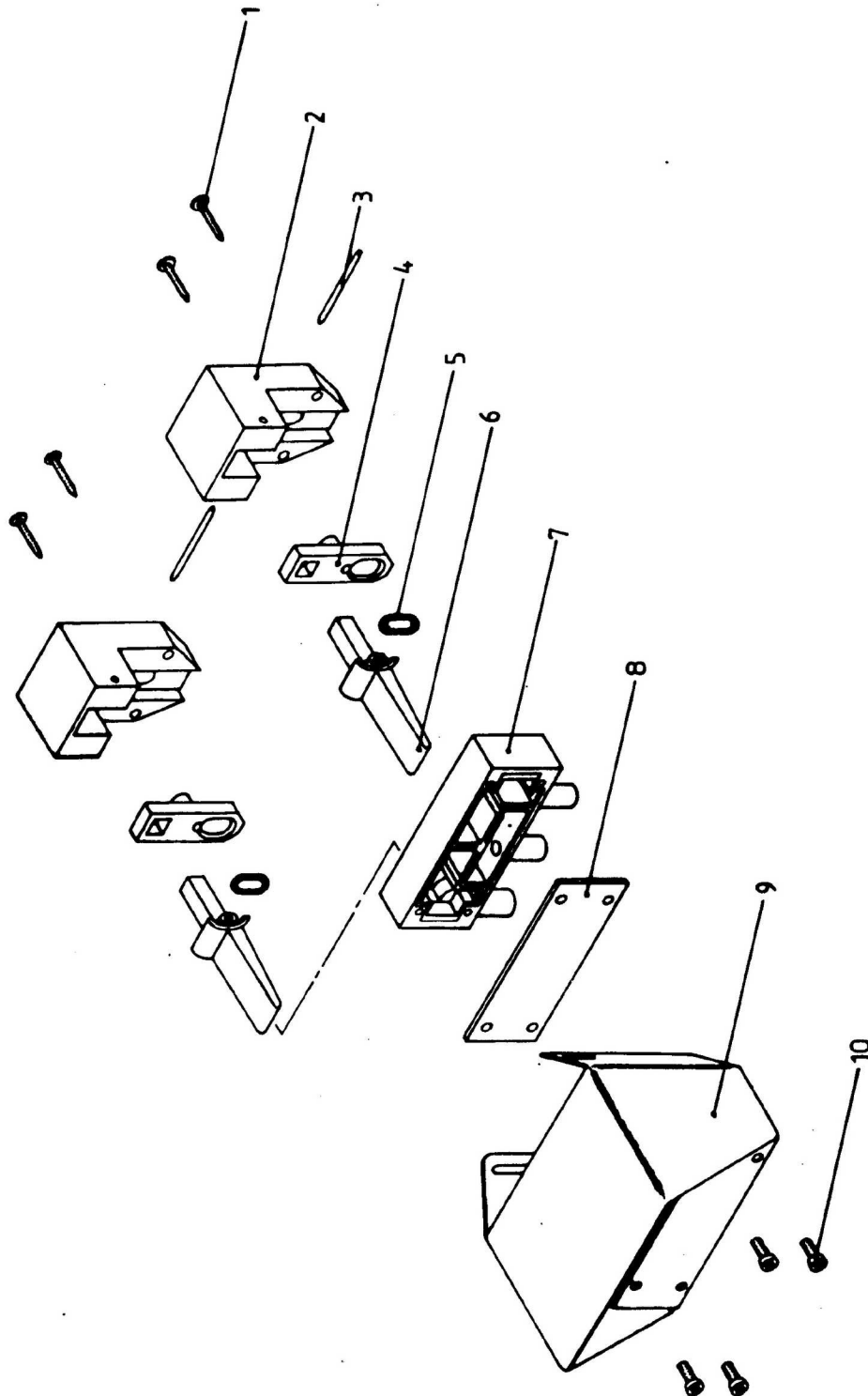


- | | |
|---------------|----------------------------|
| 032977 | Nut plate (Diagram Item 4) |
| 032975 | Diaphragm (Diagram Item 5) |



- | | |
|---------------|---|
| 032976 | Valve spindle (Diagram Item 6) |
| 032973 | Infill moulding (Diagram Item 7) |
| 032972 | Bottom section moulding (Diagram Item 8) |
| 032974 | Spindle moulding (Diagram Item 9) |
| 007650 | O ring (Diagram Item 10) |
| 032978 | Valve rubber - Combination Valve Manual Lever Kit (Diagram Item 11) |

Servo Valve Diagram



Servo Valve parts listing

Fullwood pt#

024029 Servo valve installation kit including diaphragm valves 032335 & 032351



024042 Servo valve control only



000956 Self tapping screw (Diagram Item 1)

024043 Servo Valve service kit comprising 2 x 007633(Diagram Item 5), 1 x 024031 base (Diagram Item 7), 2 x 024032 housing (Diagram Item 2), 2 x 024033 slide (Diagram Item 4), 2 x 024034 lever (Item 6), 2 x 024035 lever spindle (Item 3) & 1 x 024036 (Item 8)

007633 O-ring (Diagram Item 26) Servo valve (Diagram Item 5) included in service kit 043421

024036 Gasket (Diagram Item 8)



042739 Screw (Diagram Item 10)

Diaphragm Valves vented and unvented 5/8" & 7/8"

Fullwood pt#

032350 Diaphragm valve 5/8" complete



032351 Diaphragm Valve 7/8" complete



032335 Diaphragm vent valve 5/8" complete



032571 Diaphragm vent valve 7/8" complete

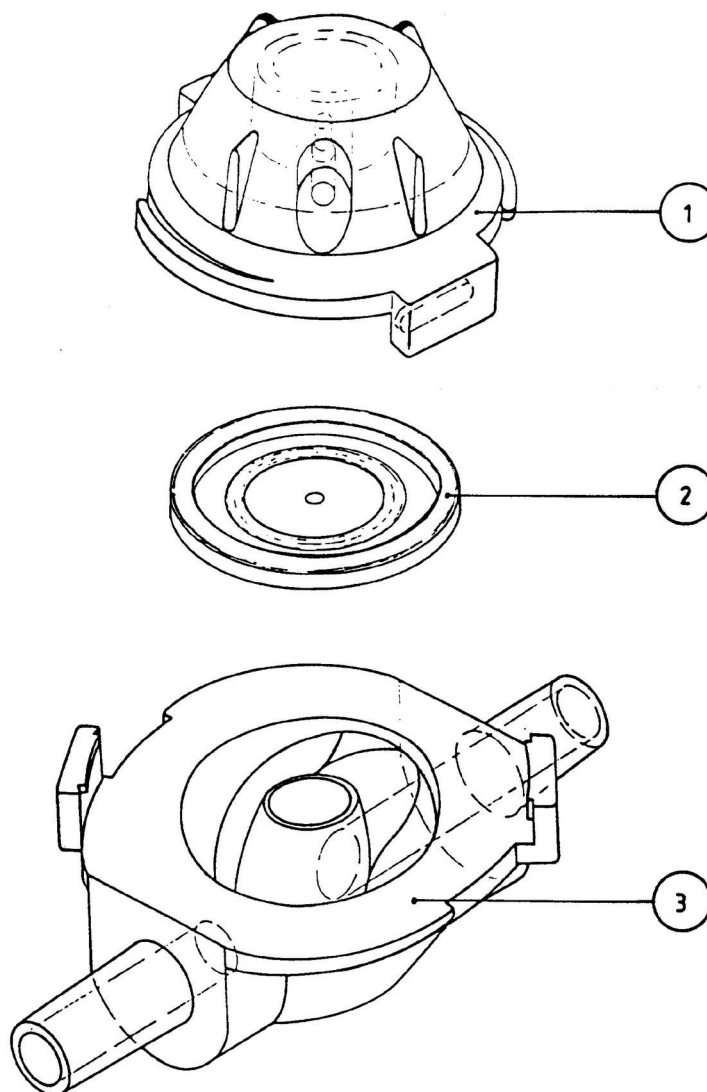


032457 Diaphragm vent valve 5/8" service kit comprising 1 x 000582 screw, 1 x 001222 nut, 1 x 001637 washer, 1 x 007659 O ring, 1 x 032332 air relief valve, 1 x 032333 washer, 1 x 001223 insert, 1 x 032358 retaining nut & leaflet



003483 Plastic clear air tube for diaphragm valves

5/8" Diaphragm Valve Diagram



Diaphragm Valve part listing 5/8"

Fullwood pt#

032353 Diaphragm valve cap for 5/8" & 7/8" valves (Diagram Item 1)



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Fullwood pt#

032352 Diaphragm for 5/8" & 7/8" diaphragm Valve - 5/8" valve (Diagram Item 2) 7/8" valve (Diagram Item 4)



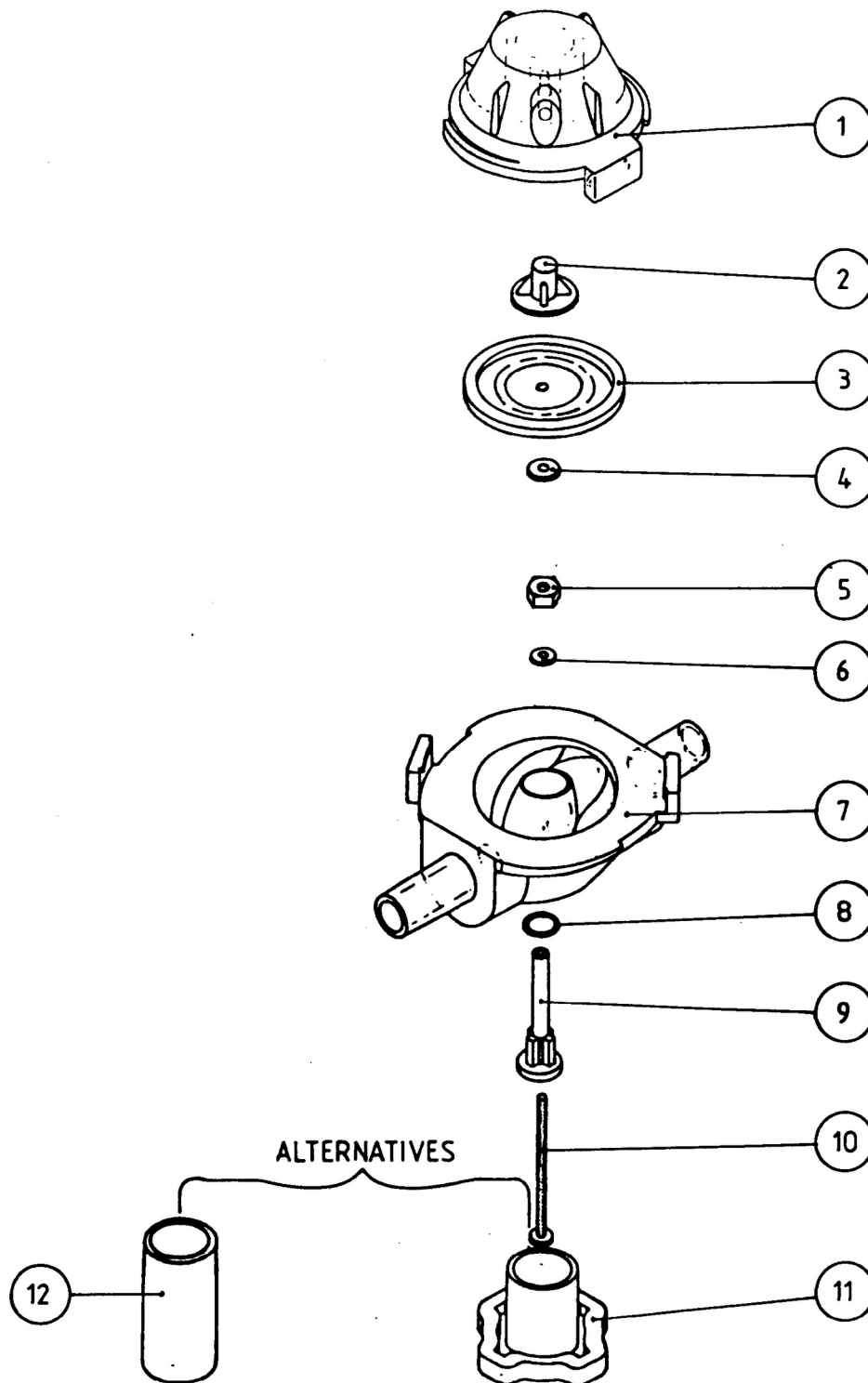
032354 Diaphragm valve 5/8" unvented body (Diagram Item 3)



032585 Jar shut-off diaphragm service kit including 2 x 032352 diaphragm & 1 x 032337 diaphragm

ACR System

5/8" Diaphragm Valve & Vent Valve Diagram



Diaphragm Valve & Vent Valve parts listing 5/8"

Fullwood pt#

032335 Diaphragm vent valve 5/8" complete



032353 Diaphragm valve cap for 5/8" & 7/8" valves (Diagram Item 1)



032357 Diaphragm valve 5/8" vent type diaphragm retaining nut (Diagram Item 2)



032337 Diaphragm [With Hole] for 5/8" Vent Valve (Diagram Item 3)



032333 Diaphragm vent valve 5/8" bottom washer (Diagram Item 4)



001222 Stainless Steel Nut (Diagram Item 5)

001637 Washer (Diagram Item 6)

032336 Diaphragm valve 5/8" vent type body (Diagram Item 7)



007628 O-ring - 5/8" valve (Diagram Item 8), Combination control valve (Diagram Item 10)

032332 Diaphragm vent valve 5/8" relief valve (Diagram Item 9)



000582 Screw (Diagram Item 10)

032378 Diaphragm valve 5/8" vent type bottom valve cover (Diagram Item 11)



003483 Plastic clear air tube for diaphragm valves

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Fullwood pt#

007659 O ring

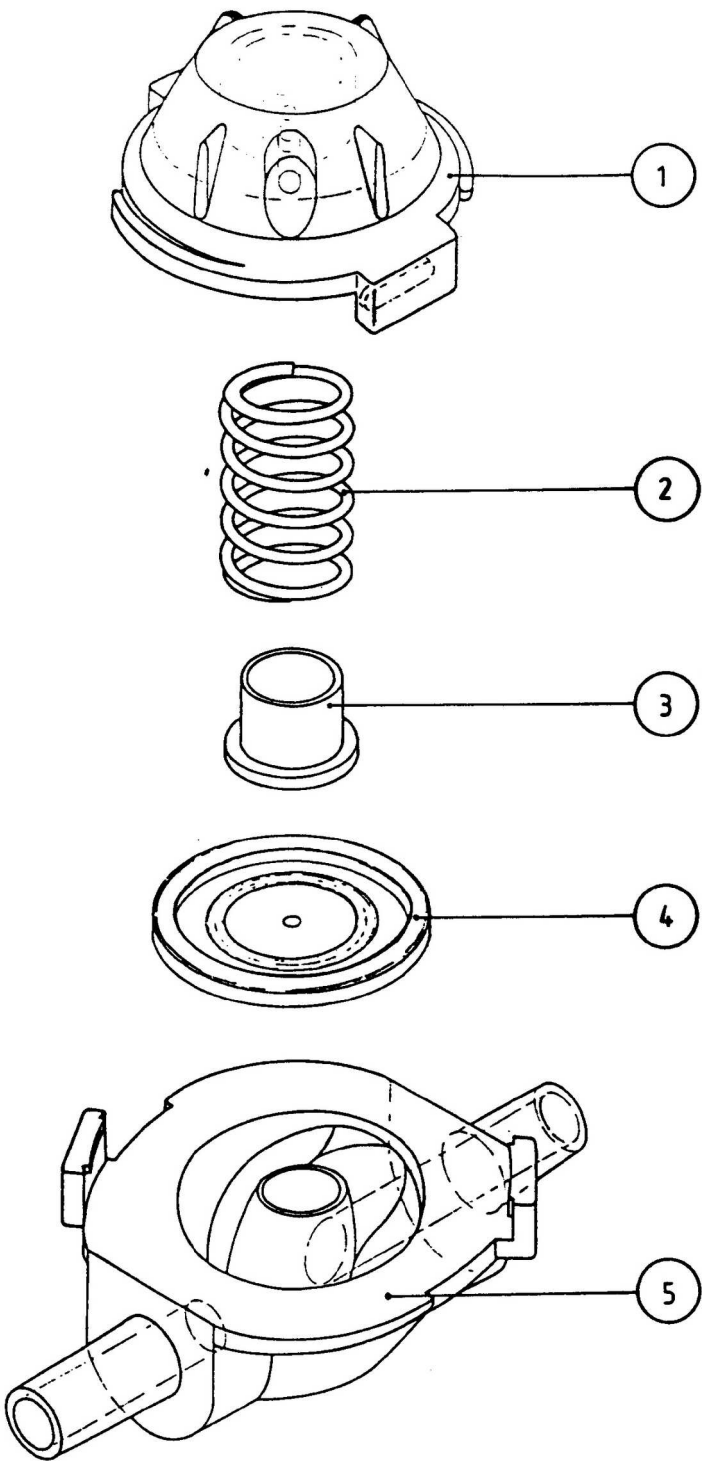


032457 Diaphragm vent valve 5/8" service kit comprising 1 x 000582 screw, 1 x 001222 nut, 1 x 001637 washer, 1 x 007659 O ring, 1 x 032332 air relief valve, 1 x 032333 washer, 1 x 001223 insert, 1 x 032358 retaining nut & leaflet



032585 Jar shut-off diaphragm service kit including 2 x 032352 diaphragm & 1 x 032337 diaphragm

7/8"Diaphragm Valve Diagram



Diaphragm Valve parts listing 7/8"

Fullwood pt#

032351 Diaphragm Valve 7/8" complete



032353 Diaphragm valve cap for 5/8" & 7/8" valves (Diagram Item 1)



032347 Diaphragm valve 7/8" stainless steel spring (Diagram Item 2)

032356 Diaphragm valve 7/8 " spring cap (Diagram Item 3)

032352 Diaphragm for 5/8"& 7/8" diaphragm Valve - 5/8" valve (Diagram Item 2) 7/8" valve (Diagram Item 4)



032355 Diaphragm valve 7/8" body (Diagram Item 5)



003483 Plastic clear air tube for diaphragm valves

Reversing Relay Valve

Fullwood pt#

051105 Reversing Relay screw in type



051103 Reversing Relay internal rubber shut off for reversing relay screw in type 051105



042318 Relay valve rubber for Blue direct acting relay 034469 and reversing relay screw in type 051105



032680 Black Reversing Relay valve complete



032684 Reversing Relay valve diaphragm for Blue direct acting relay 034469 and Black reversing relay valve 032680



032681 Sealing pad for Blue direct acting relay 034469 and Black reversing relay valve 032680

032664 Relay valve rubber for Black reversing relay valve 032680 and Combination Control Valve 032960 (Diagram Item 11)

032696 Blue & black cylinder relay service kit including 1 x 032684, 1 x 042318 blue relay valve rubber, 1 x 007629 O ring, 1 x 007617 O ring, 1 x 032681, 1 x 007628 O ring, 1 x 032664 black relay valve rubber

Direct Acting Relay Assembly

Fullwood pt#

034469 Direct Acting Relay Assembly blue



continuation of previous page

Fullwood pt#

042318 Relay valve rubber for Blue direct acting relay 034469 and reversing relay screw in type 051105



032696 Blue & black cylinder relay service kit including 1 x 032684, 1 x 042318 blue relay valve rubber, 1 x 007629 O ring, 1 x 007617 O ring, 1 x 032681, 1 x 007628 O ring, 1 x 032664 black relay valve rubber

Other ACR spares

Fullwood pt#

032381 Sensor (ACT) Kit**033309** Probe shaft for milk flow detector**079623** Backflush top ACR bracket kit with shut off**003485** Nylon Tube Mh 5/11. Full reel is 30 metres.

Milk Meters & Auto ID



Product info : LM1 Milk Meter

Notes ref LM1 Milk Meter parts

D = Display Cable Length

F = Flask & Solenoid Cable Length

LM1 Milk Meter

Fullwood pt#

133747 Fullwood LM1 Meter 2mD 3.5mF**133765** Fullwood LM1 Meter 2mD 10mF

See image above

133751 Fullwood LM1 Meter 2mD 20mF

See image above

133755 Fullwood LM1 Meter 5mD 10mF

See image above

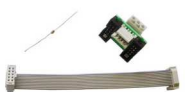
133757 Fullwood LM1 Meter 5mD 3.5mF

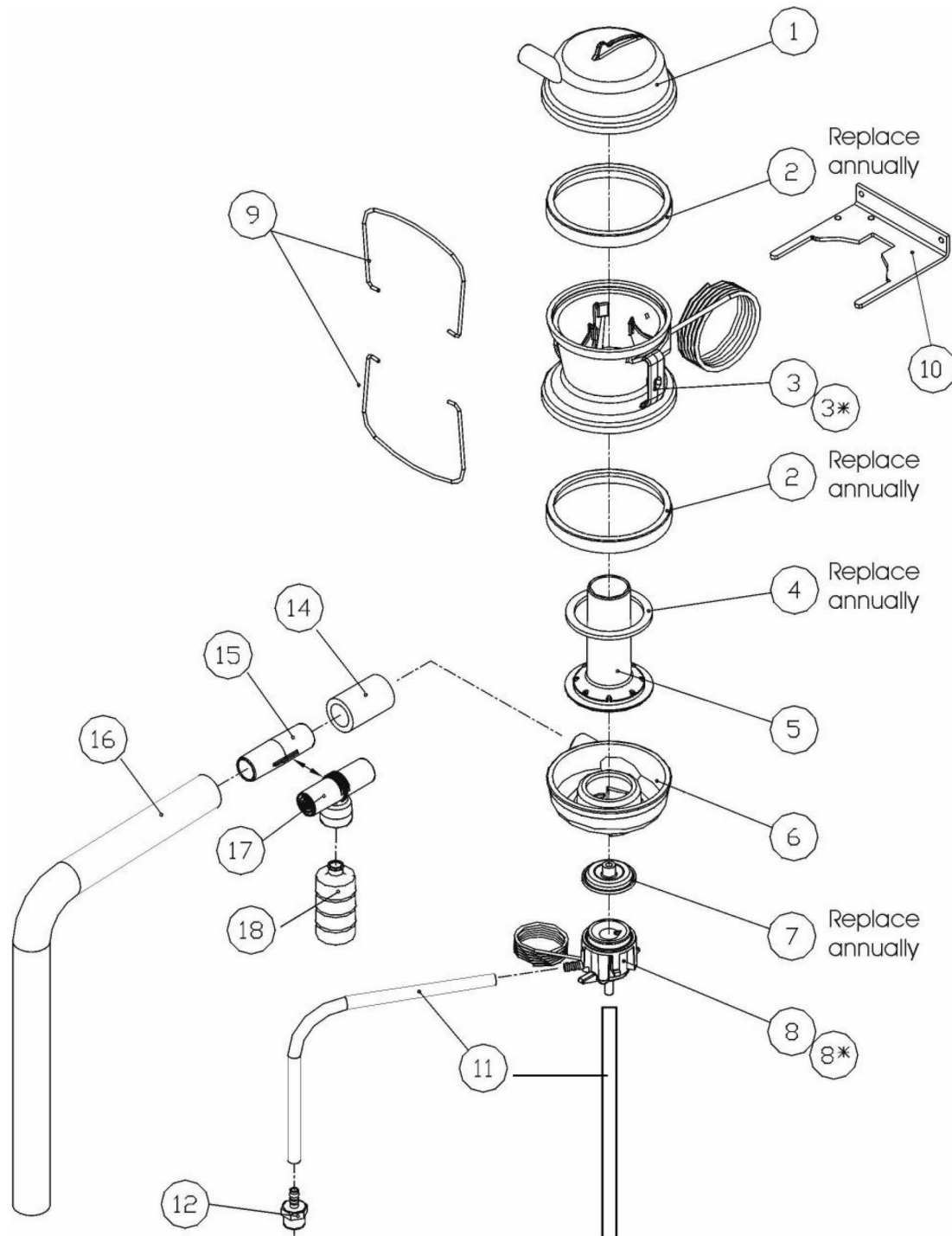
See image above

133745 Fullwood LM1 Control Box Only**133744** Fullwood LM1 Connection Box

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Fullwood pt#

133759	Fullwood LM1 Main Cable 23w 2m	
133761	Fullwood LM1 Main Cable 23w 5m	See image above
133758	Fullwood LM1 Main Cable 23w 10m	See image above
133760	Fullwood LM1 Main Cable 23w 20m	See image above
133762	Fullwood LM1 Mid-Section 3.5m cable (Diagram Item 3)	
133775	Fullwood LM1 Mid-Section 10m cable (Diagram Item 3)	See image above
133763	Fullwood LM1 Mid-Section 20m cable (Diagram Item 3)	See image above
133764	Fullwood LM1 Power Filter kit	
133767	UCC LM1 RS485 Line Balancer	
095542	Resistor 120R 0.25W 5% included in kit 133767	
133771	Fullwood LM1 Body Assembly 10m cable	
133770	Fullwood LM1 Body Assembly 3.5m cable	
098930	Milk meter power supply	

LM1 Milk Meter Body Diagram

LM1 Milk Meter Body parts listing

Fullwood pt#

133771 Fullwood LM1 Body Assembly 10m cable**133770** Fullwood LM1 Body Assembly 3.5m cable**133541** Upper cover 5/8" blue plastic RH (Diagram Item 1)**133706** Upper cover 7/8" blue plastic RH (Diagram Item 1)

See image above

133533 Upper cover 5/8" blue plastic LH (Diagram Item 1)**133707** Upper cover 7/8" blue plastic LH (Diagram Item 1)

See image above

133514 Milk Meter body upper & lower gaskets (Diagram Item 2)**133762** Fullwood LM1 Mid-Section 3.5m cable (Diagram Item 3)**133775** Fullwood LM1 Mid-Section 10m cable (Diagram Item 3)

See image above

133763 Fullwood LM1 Mid-Section 20m cable (Diagram Item 3)

See image above

133517 Milk Meter Valve**133544** Milk meter lower cover blue plastic (Diagram Item 6)**133546** Milk Meter Solenoid Valve including 10mtr cable

continuation of previous page

Fullwood pt#

133499 Milk meter solenoid valve including 20mtr cable (Diagram Item 8)**133547** Milk meter body retaining clip (Diagram Item 9) OBSOLETE - LIMITED STOCK AVAILABLE**133523** Milk meter levelling bracket (Diagram Item 10) OBSOLETE - LIMITED STOCK AVAILABLE**133548** Plastic tube (Diagram Item 11) OBSOLETE - LIMITED STOCK AVAILABLE**003518** Hosetail Connector 1/8" male BSP 8mm - LM1 Diagram(Item 12)**133555** Milk meter short sampler connector black rubber (Diagram Item 14)**133556** Milk meter sampler outlet connection pipe (Diagram Item 15)**133557** Milk meter long radius reducing elbow blue silicone (Diagram Item 16)**033409** Stainless steel tube and silicone connector kit - LM1 MM (Diagram Item 16), Fullflow MM (Diagram Item 14)**133558** Milk meter sampler outlet connection pipe (Diagram Item 17)**033426** Milk meter sampler bottle 500cc (Diagram Item 18)

continuation of previous page

Fullwood pt#

033424	Milk meter sampler Rubber bottle holder - Fullflow MM (Diagram Item 21)	
133574	Milk meter sampler extension kit 355mm comprises 1 x 133566 & 1 x 1 x 033424	
133566	Milk meter sampler extension tube only 355mm	See image above
133570	Milk meter sampler extension kit 95mm comprises 1 x 133562 (Milk meter sampler extension tube only 95mm) & 1 x 033424	
133576	Milk meter valve service kit (for interim service)	
133560	Milk meter service kit complete (Diagram Item 2, Item 4 and Item 7)	
133516	Milk meter valve gasket MK2 silicone blue	
133519	Solenoid diaphragm MK2 black rubber	
133724	Afflo/LM1 overhaul kit 4000 including 2 x 133514 gasket, 1 x 133555 sampler connector & 1 x 033424 rubber bottle holder	
055039	Restrictor 2.78mm Hole/60d	
003485	Nylon Tube Mh 5/11. Full reel is 30 metres.	

MPC

Fullwood pt#

134063 AfiMilk MPC Milk Meter**134064** AfiMilk MPC Milk Meter, 5m, 3.5m

See image above

134207 AfiMilk MPC Milk Meter, 10m, 3.5m

See image above

134065 AfiMilk MPC Milk Meter, 20m, 3.5m

See image above

134250 AfiMilk MPC Milk Meter, 5m, 10m

See image above

134245 AfiMilk MPC Milk Meter, 5m, 20m

See image above

134266 AfiMilk MPC Milk Meter, 20m

See image above

134243 AfiMilk MPC Milk Meter 7/8

See image above

134196 AfiMilk MPC 7/8, 5m, 3.5m

See image above

134251 AfiMilk MPC 7/8, 5m, 10m

See image above

134208 AfiMilk MPC 7/8, 2m, 10m

See image above

134066 AfiMilk MPC 7/8, 2m, 20m

See image above

134190 AfiMilk MPC Control box**134176** AfiMilk MPC Body Attachment bracket**134181** MPC Extender box**134056** MPC Extender Communication Cable**134239** Afimilk MPC External Start Button Pneumatic**134324** AfiMilk MPC External Button Bracket**133744** Fullwood LM1 Connection Box

continuation of previous page

Fullwood pt#

134309 Afiflo 2000 body gasket kit

Sensomatic

Fullwood pt#

133810 Sensomatic control box complete with bottom glands



133885 Sensomatic Control Box complete with rear glands



099450 Sensomatic control box complete with bottom glands and Watch ID

133856 Sensomatic control box keypad & overlay only



133857 Sensomatic control box lid seal



133812 Sensomatic sensor mounting bracket LH



133813 Sensomatic sensor mounting bracket RH



133871 Sensomatic sensor MKII 10mtr



133872 Sensomatic sensor & 20mtr cable

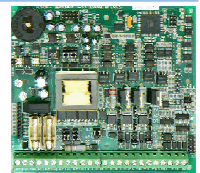


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Fullwood pt#

133815 Power Supply Unit 1040VA**133814** Power Supply Unit 620VA

See image above

133808 Sensomatic IN/OUT controller complete**133855** Sensomatic Control PCB**133818** Tube Bracket to Sensomatic Box**133854** Tube Bracket to 30 degree Sensomatic Box

Afiflo 2000 Milk Meter

Fullwood pt#

133700 Afiflo 2000 Milk Meter Extension Kit including 3.5mtr cable. Only available for extensions to existing Afiflo 2000 installations. Farm name and quantity required must be advised when ordering. This kit replaces part number 133505.

133501 Afiflo 2000 milk meter display only - Fullwood branded
Only available for replacement on existing sites. Farm name and quantity required must be advised when ordering.



134198 Afiflo 2000 milk meter display only - Afimilk branded
Only available for replacement on existing sites. Farm name and quantity required must be advised when ordering.

See image above

133770 Fullwood LM1 Body Assembly 3.5m cable

133502 Afiflo 2000 control box
Only available for replacement on existing sites. Farm name and quantity required must be advised when ordering.



133588 Afiflo 2000 milk meter control cable & plug 2.8mtr



133539 Afiflo 2000 Cntl PCB



133538 Afiflo 2000 milk meter control mounting bracket galvanised



133536 Afiflo 2000 milk meter control wedged mounting plate plastic



133535 Afiflo 2000 milk meter control flat mounting plate plastic



133506 Afiflo 2000 milk meter control cabinet shroud



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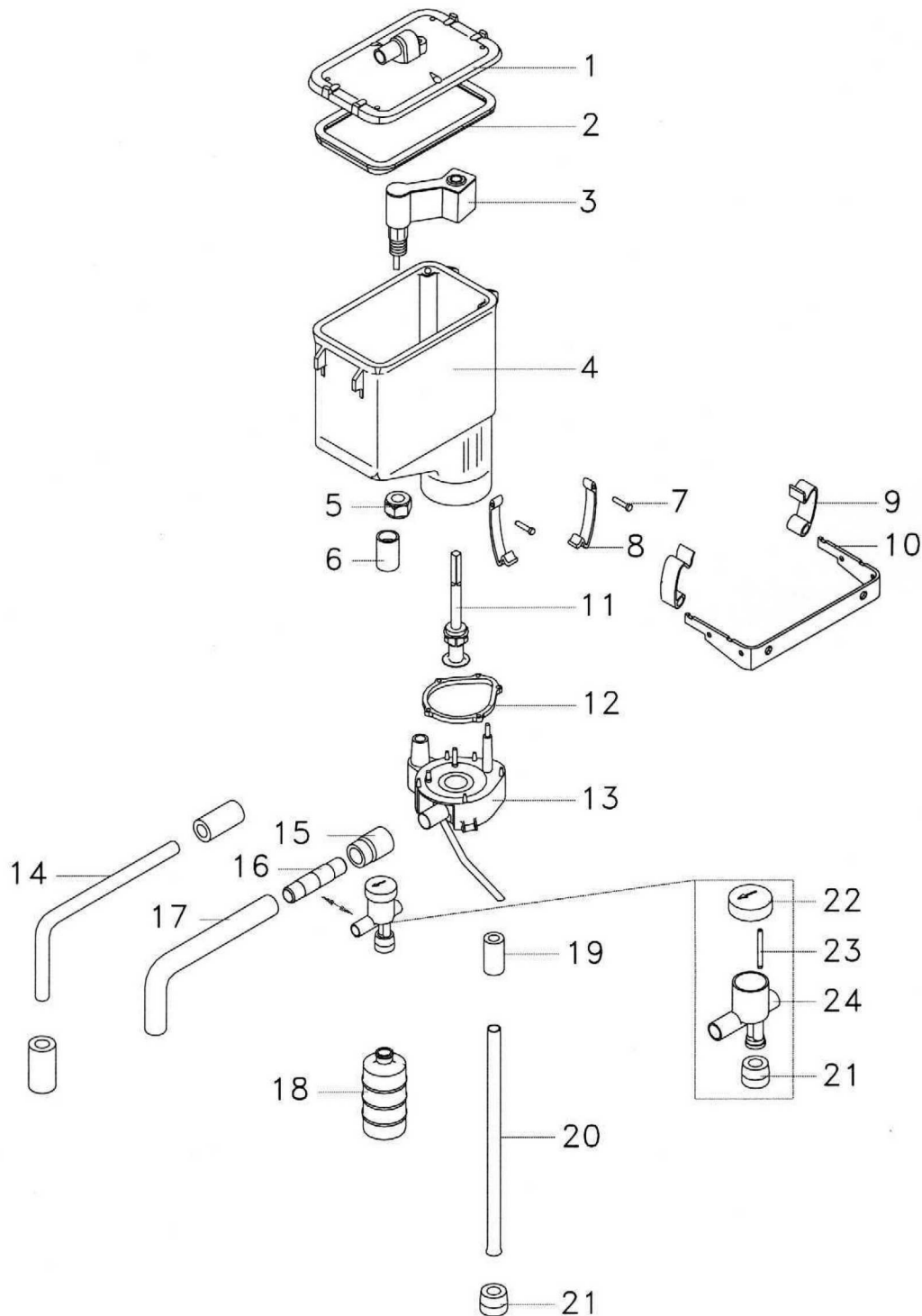
Fullwood pt#

133537 Afiflo 2000 milk meter display mounting bracket (included in 133700 kit)

Afilite

Fullwood pt#

133590 Afilite milk meter complete 10mtr
Only available for extensions on existing sites. Farm name and quantity required must be advised when ordering.**133593** Afilite Control box
Only available for replacement on existing sites. Farm name and quantity required must be advised when ordering.**133596** Afilite cable 5mtr with D-connector**133594** Afilite cable 2mtr with D-connector

Fullflow Milk Meter Diagram

Fullflow Milk Meter parts listing

Fullwood pt#

033409 Stainless steel tube and silicone connector kit - LM1 MM (Diagram Item 16), Fullflow MM (Diagram Item 14)



033425 Milk meter sampler small pipe connector (Diagram Item 15)



033471 Fullflow milk meter 7/8" elbow milk line connector black rubber (Diagram Item 17)



133561 Fullflow milk meter sampler extension connector rubber



033426 Milk meter sampler bottle 500cc (Diagram Item 18)



033424 Milk meter sampler Rubber bottle holder - Fullflow MM (Diagram Item 21)



033423 MM body sampler cap (Diagram Item 22) OBSOLETE - LIMITED STOCK AVAILABLE



033521 Switch toggle 2.5a 250V ON/OFF

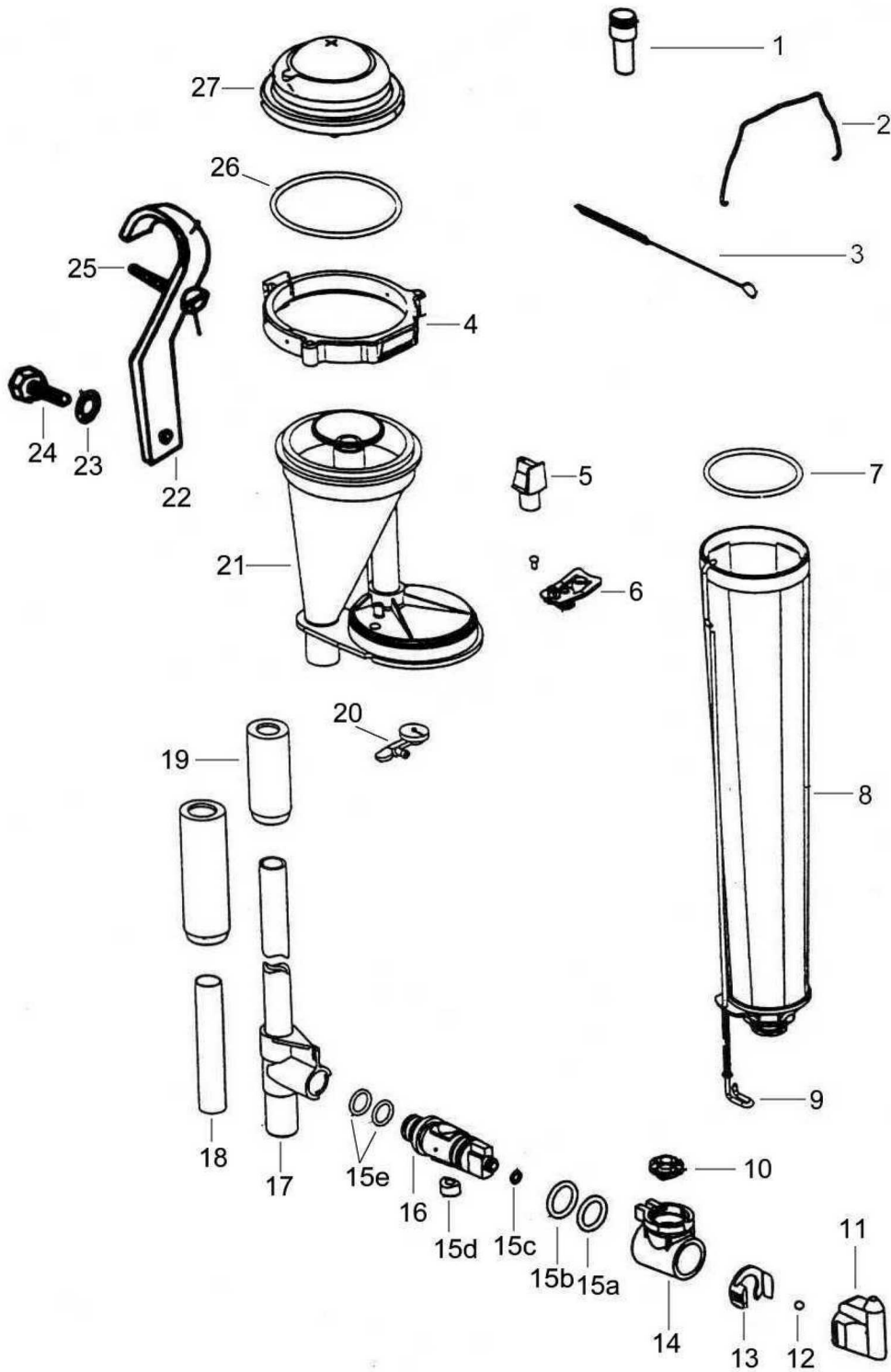


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Fullwood pt#

033522 Fullflow meter control toggle switch & Boot & Seal Mom-On**033514** Fullflow meter mounting bracket**094731** MM95 membrane keypad**033589** MM85 membrane keypad

Tru-Test Milk Meter Diagram



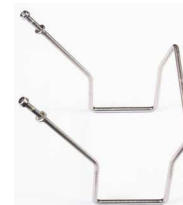
Tru-Test Milk Meter parts listing

Fullwood pt#

033472 Tru Test milk meter mk2 50 kg



033479 Tru Test milk meter mk2 50 kg hanger hook 60mm



033499 Tru Test milk meter mk2 50 kg installation kit

033483 Tru Test valve brush (Diagram Item 3)

033496 Tru Test air admission valve seal and screw (Diagram Item 6)

033473 Tru Test flask O ring (Diagram Item 7)

033477 Tru Test milk meter mk2 flask only 50 kg (Diagram Item 8)



033492 Tru Test push rod & spring (Diagram Item 9)

033481 Tru Test valve outer grommet (Diagram Item 10)

033495 Tru Test valve outer cover (Diagram Item 14)

033493 Tru Test milk meter mk2 50 kg sample tee moulding (Diagram Item 17)

033490 Tru Test inlet tube (Diagram Item 18)

033475 Tru Test rocker & seal assembly (Diagram Item 20)

033489 Tru Test meter body (Diagram Item 21)

033221 Tru Test mounting bracket (Diagram Item 22) OBSOLETE - LIMITED STOCK AVAILABLE

033208 Tru Test milk meter cover O ring (Diagram Item 26)

033485 Tru Test top cover (Diagram Item 27)

033498 Tru Test milk meter mk2 50 kg service kit contains Diagram Item nos 3,12,13,15,16,17,18,21,25,26,27

Ear Tags & Accessories

Fullwood pt#

098718 Ear Tag Transponder Kit complete (Fusion)



098722 Ear Tag Transponder only less stud



098719 Ear tag transponder back locating stud



098664 Ear Tag Transponder non reusable HDX Type

098714 Ear Tag Applicator



099618 Programmable Ear Tag - Number required must be advised when ordering



Ear Tag Antenna

Fullwood pt#

098620 Ear tag stall antenna installation kit 50 dg LH



098621 Ear tag stall antenna installation kit 50 dg RH



FWCC Fusion yield communication feed control

Fullwood pt#

099116	FWCC Fusion yield communication feed control 16 unit
099118	FWCC Fusion yield communication feed control 16 unit shared
099117	FWCC Fusion yield communication feed control 32 unit
099119	FWCC Fusion yield communication feed control 32 unit shared

Pedometers & Accessories

Fullwood pt#

133490 Afi Act II Pedometer plus (not supplied with strap, use part number 133491)



133491 Afi Act II strap (for 133490)



133459 Kit of 10 Afi Act II strap (for 133490)

133445 Kit of 50 Afi Act II strap (for 133490)

134052 Afi Act II Strap Spacer

033612 Crysta Act + Pedometer straps & wedges complete kit-OBSOLETE
IMPORTANT-ORDER PART NUMBER 133490 + 133491 FOR EXISTING SITES - 033612
IS ONLY AVAILABLE FOR WARRANTY REPLACEMENT



133441 Kit of 50 pedometer straps (093829) and 100 wedges (093834) for Crysta Act + (033612)



133458 Kit of 10 pedometer straps (093829) and 20 wedges (093834) for Crysta Act + (033612)

See image above

093829 Strap for Pedometer 033612 & 033574



093834 Spiked Blue wedge for Crysta Act + 033612



033574 Pedometer Tags OEM Blue kit (80KHz) including strap & wedges



133440 Kit of 50 pedometer straps (093829) and 100 wedges (093828) for 80KHz pedometer (033574)



133457 Kit of 10 pedometer straps (093829) and 20 wedges (093828) for 80KHz pedometer (033574)

See image above

093828 Smooth Blue wedge for 033574



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Fullwood pt#

094815 Pedometer test type 80 Hz. Compatible with AfiAct II pedometer systems



134095 Afi Act II Connection box for AfiAct II reader

Pedometer Antenna

Fullwood pt#

033573 Pedometer stall antennae blue standard 80Hz frequency 3mtr cable



093832 Pedometer stall antennae blue standard 80Hz frequency 10mtr cable

See image above

093831 Pedometer stall antennae blue standard 80Hz frequency 20mtr cable

See image above

098678 Pedometer stall antennae orange (200Hz) 3mtr cable



Vitality LRP (Long Range Pedometer)

Fullwood pt#

099360 Vitality Now Tag Kit. Box of 10 tags, 10 straps & 12 locking tabs OBSOLETE - LIMITED STOCK AVAILABLE - AVAILABLE FOR EXISTING VITALITY SITES ONLY



099361 Vitality Plus Tag Kit. Box of 10 tags, 10 straps & 12 locking tabs OBSOLETE - LIMITED STOCK AVAILABLE - AVAILABLE FOR EXISTING VITALITY SITES ONLY



099358 Vitality leg strap kit including 10 straps & 12 locking tabs



099359 Vitality strap locker kit including 12 tabs

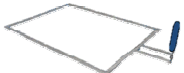
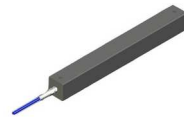
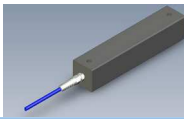


099372 Vitality Strap Cutting Tool



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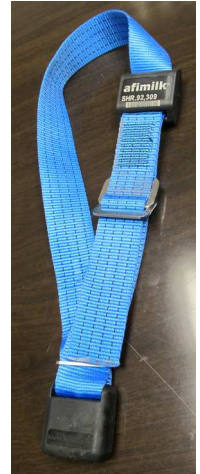
Fullwood pt#

099365	Vitality hub unit OBSOLETE - LIMITED STOCK AVAILABLE - AVAILABLE FOR EXISTING VITALITY SITES ONLY	
099380	Vitality 12v PSU - AVAILABLE FOR EXISTING VITALITY SITES ONLY	
099838	Power over Ethernet Splitter	
099727	Cable Ethernet CAT5	
099719	Connector RJ45 Ethernet	
099717	Ethernet switch 24vAC	
099840	FwWLAN unit complete with 10mtr cable CAT5 - AVAILABLE FOR EXISTING VITALITY SITES ONLY	
099375	Vitality walk-over antenna kit OBSOLETE - LIMITED STOCK AVAILABLE - AVAILABLE FOR EXISTING VITALITY SITES ONLY	
112891	Vitality Long ID antenna OBSOLETE - LIMITED STOCK AVAILABLE - AVAILABLE FOR EXISTING VITALITY SITES ONLY	
112892	Vitality Short ID antenna OBSOLETE - LIMITED STOCK AVAILABLE - AVAILABLE FOR EXISTING VITALITY SITES ONLY	
111002	Fullwood Net Controller (FwNC) UCC2 - replaces 099700	
111004	Fullwood Archway ID controller (FwAC) High Power Comp UCC2 - replaces 099703	
111027	Fullwood Net Controller (FwNC) WiFi UCC2 - replaces 099820	

Silent Herdsman

Fullwood pt#

134091 Silent Herdsman Health Collar



134060 Silent Herdsman Replacement Collar Strap assembly

134071 Silent Herdsman Reader, Wireless UK, EU, NA

134074 Silent Herdsman Controller, Wall mount, UK, EU, NA

134081 Silent Herdsman Reader, Cabled UK, EU, NA

134084 Silent Herdsman Remote access, Broadband bridge UK, EU, NA

134218 Silent Herdsman Coverage Tool

Fusion Walk Past Antenna

Fullwood pt#

098700 Fusion Antenna walk past antenna 400 x 190 x 18mm**098710** Fusion Antenna walk past antenna 500 x 260 x 18mm

See image above

Milk Meters & Auto ID

Neck Transponders & Accessories

Fullwood pt#

098990 Neck transponder UK only fusion type



098633 Collar neck numbers - Double per set - Customer must advise numbers to be printed

097832 Collar neck type Nylon Web "Fullwood" 1.34mt.long



098632 Collar neck type Nylon Web "Fullwood" 1.6mt.long

See image above

Neck Transponder Antenna

Fullwood pt#

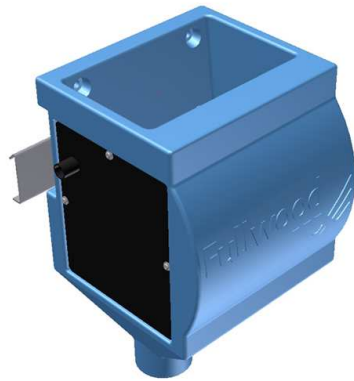
098682 Neck transponder stall antenna installation kit 50 dg RH



098681 Neck transponder stall antenna installation kit 50 dg LH

See image above

Feeding



Fullwood Vari-Feed Controller

Fullwood pt#

098856 Fullwood Vari-Feed Control & 20 Stall Relay Box for 12v & 24v feeders



098857 Fullwood Vari-Feed relay 20 point Extension Box for 12v & 24v feeders



098875 20 Stall Relay Box PCB only



098876 20 Stall Relay Box 12v PSU only



098873 Fullwood Vari-Feed Control - includes PCB. Not supplied with relay box.



098889 Vari-Feed Lid & overlay only

See image above

098874 Vari-Feed replacement overlay



Duo Feed Plus Controller

Fullwood pt#

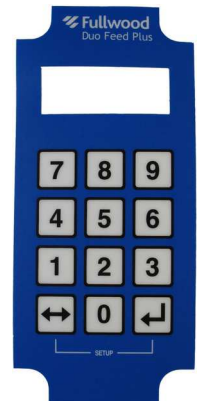
098859 Fullwood Duo Feed Control Plus L & R for 12v & 24v feeders



098885 Duo Feed Plus PCB

continuation of previous page

Fullwood pt#

098888 Duo Feed Plus Overlay**098860** 12v PSU for Duo Feed Controllers

Duo Feed Controller

Fullwood pt#

098858 Fullwood Duo Feed Control L & R with 12v input for 12v & 24v feeders**098855** Fullwood Duo Feed Control L & R with 24v input for 12v & 24v feeders

See image above

098884 Duo Feed PCB for 098858 with 12v input**098883** Duo Feed PCB for 098855 with 24v input

See image above

098887 Duo Feed Overlay

continuation of previous page

Fullwood pt#

098860 12v PSU for Duo Feed Controllers

Keyfeed & Datafeed Feeder Control Box

Fullwood pt#

098780 Keyfeed Controller Complete**099152** PCB152 Keyfeed Relay Board Assembly**099153** PCB153 Keyfeed Key Board Assembly**099146** Feeder Fuse Board Assembly**097701** Fuse Anti surge glass 20x5 3.15A**098880** Keyfeed Control/Display Assembly**005179** Push Button switch black, IP67, SP-NO/NC, Panel Mount, Momentary. For use on Keyfeed and Datafeed

Manger Pans and fittings

Fullwood pt#

076180 Manger pan universal 50 degree galvanised



076174 LH side panel & chute assembly for 50 degree manger



076175 RH side panel & chute assembly for 50 degree manger



076172 LH exit end side panel & chute for 50 degree manger



076173 RH exit end side panel & chute for 50 degree manger

076950 Manger pan universal 50 degree stainless steel



060784 Manger pan universal 32 degree galvanised



065539 Manger Pan original galvanised 32 degree LH



continuation of previous page

Fullwood pt#

065540 Manger Pan original galvanised 32 degree RH



065563 Manger pan spillage guard RH for 065540



065564 Manger pan spillage guard LH for 065539

See image above

060928 Manger Pan individual galvanised 32 degree LH



060933 Manger Pan individual galvanised 32 degree RH



060925 Chute assembly LH for 32 degree mangers



060926 Chute assembly RH for 32 degree mangers



060941 Fillet plate for 32 degree mangers

continuation of previous page

Fullwood pt#

060904 LH Manger Pan protection bar 32 degree for 060928**060905** RH Manger Pan protection bar 32 degree for 060933**060921** LH Manger frame assembly for 32 degree mangers for 060928**060922** RH Manger frame assembly for 32 degree mangers for 060933**062332** Galvanised Manger pan plug for all manger pans**076951** SS Manger Pan Plug Assy

See image above

061719 Manger pan abreast parlour universal

Hosier Manger Pans

Fullwood pt#

056039 Hosier Echelon 32 degree manger galvanised LH

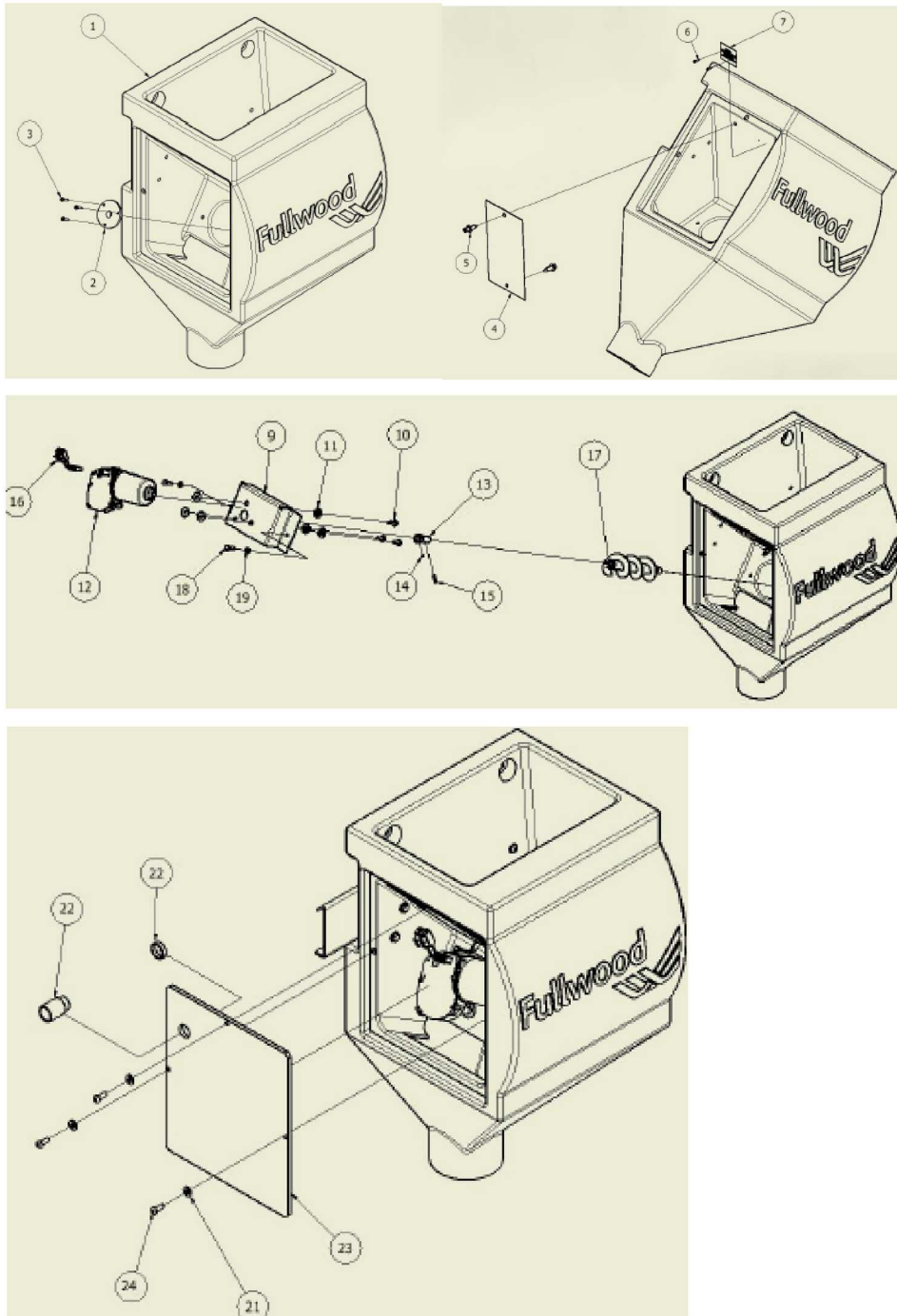
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Fullwood pt#

056038 Hosier Echelon 32 degree manger galvanised RH



Feeding

Augermaster II (blue plastic) Diagram

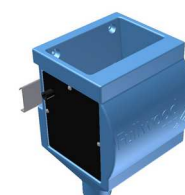
Augermaster II Feeder Blue & Spare Parts

Fullwood pt#

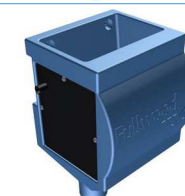
069686 Augermaster II hopper & lid blue plastic



069690 Augermaster II Feeder complete track mounting



069691 Augermaster II Feeder complete wall mounting



003523 Feed tube 110mm diameter grey per metre



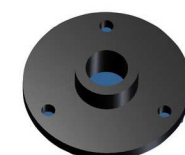
107850 Feed tube 90mm diameter blue per metre

098803 24vDC Augermaster PSU complete 750VA



069683 Augermaster II outer body only for blue plastic feeder (Diagram item 1)

069689 Augermaster II circular bearing plate (Diagram item 2)
Use 000589 screws to fix (Diagram item 3)



069688 Augermaster II Motor bracket (Diagram item 9)

069606 Augermaster isolating spacer for galvanised feeder & Augermaster II (Diagram item 11)



continuation of previous page

Fullwood pt#

061810 Mk2 24vDC Motor Assy**040049** Augermaster Woodruff Key (Spare for 061810)**069656** Motor adaptor shaft for galvanised feeder & Augermaster II (Diagram item 13) & abreast feeder. Screws to fit are part numbers 000969 and 000373**000969** M6 x 6 socket screw**000373** M3 x 3 SS socket grubscrew**001931** Spirol pin (Diagram item 15)**061813** Feed motor connection lead assembly for galvanised feeder & Augermaster II (Diagram item 16)**069693** Augermaster II auger assembly (Diagram item 17)

Augermaster Feeder Galvanised & Spare Parts

Fullwood pt#

069590 Augermaster galvanised feeder complete**063020** Augermaster galvanised hopper**069588** Augermaster galvanised hopper lid

continuation of previous page

Fullwood pt#

060960 Feeder chute adaptor square to round



003523 Feed tube 110mm diameter grey per metre



063875 Augermaster & Rationmaster Feed chute galvanised 850mm long



098803 24vDC Augermaster PSU complete 750VA



069591 Augermaster galvanised feeder case s/assy

069655 Augermaster galvanised circular bearing plate



069592 Augermaster galvanised feeder auger assembly



069593 Motor bracket for Augermaster galvanised feeder

069606 Augermaster isolating spacer for galvanised feeder & Augermaster II (Diagram item 11)



061810 Mk2 24vDC Motor Assy



continuation of previous page

Fullwood pt#

040049	Augermaster Woodruff Key (Spare for 061810)
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061813	Feed motor connection lead assembly for galvanised feeder & Augermaster II (Diagram item 16)
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069656	Motor adaptor shaft for galvanised feeder & Augermaster II (Diagram item 13) & abreast feeder. Screws to fit are part numbers 000969 and 000373
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000969	M6 x 6 socket screw
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000373	M3 x 3 SS socket grubscrew
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065116	Outlet s/assy large for Augermaster galvanised feeder
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065241	Anti-dribble brush for Augermaster galvanised feeder
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Rationmaster Feeder

Fullwood pt#

003523 Feed tube 110mm diameter grey per metre



063875 Augermaster & Rationmaster Feed chute galvanised 850mm long



060960 Feeder chute adaptor square to round



063907 Rationmaster Funnel



063150 Rationmaster rubber bellows



043027 Valve (Master Relay - Diagram Item 8) MINIMUM ORDER QUANTITY 10



043020 Solenoid Sub Assembly



Orby Feeder

Fullwood pt#

063029 Outer casing for Orby Cable



063026 Orby Inner Cable 11.5ft



063068 Orby feeder spring LH



063101 Orby feeder spring RH

See image above

Abreast Feeder

Fullwood pt#

061770 Abreast Feeder complete assembly

061774 Abreast Feeder auger only

061810 Mk2 24vDC Motor Assy



069656 Motor adaptor shaft for galvanised feeder & Augermaster II (Diagram item 13) & abreast feeder. Screws to fit are part numbers 000969 and 000373

Titan Out of Parlour Feeder

Fullwood pt#

040028 OOP Feeder motor 24vAC



166370 OOP Feeder surround aerial only

Feeding

Fullcare Service Kits



Vacuum Pump Service Kits



Fullwood pt#

041046	Ambassador Service Kit including 4 x 041117 blades, 2 x 007553 bearings, 2 x 007606 oil seals
041047	Q4 Service Kit including 4 x 041115 blades, 2 x 007553 bearings, 2 x 007606 oil seals
041048	Q3 Service Kit including 4 x 041114 blades, 2 x 007553 bearings, 2 x 007606 oil seals
041049	FR4 Service Kit including 4 x 041112 blades, 2 x 007546 bearings, 2 x 007606 oil seals
041050	FR3 Service Kit including 4 x 041111 blades, 2 x 007546 bearings, 2 x 007606 oil seals
041051	FR2 Service Kit including 4 x 041110 blades, 2 x 007546 bearings, 2 x 007606 oil seals

Oiler Service Kit 2/3 Wick



Fullwood pt#

041043	2 & 3 Wick Oiler Service Kit including 3 x 041249 wick, 1 x 041868 float, 1 x 041872 jet
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Oil Collector Service Kit



Fullwood pt#

041044	3" Oil Collector Service Kit including 041787, 041157, 041156, 001661
041045	2" Oil Collector Service Kit including 041787, 041799, 041786, 001661

Ambassador Interceptor Service Kit



Fullwood pt#

044187 Service Kit for Ambassador Interceptor Vessel including 1 x 044188 rubber seal & 1 x 045750 drain valve assy

SS Interceptor Service Kit



Fullwood pt#

066456 Service Kit for Stainless steel interceptor vessel including 1 x 067556 & 2 x 070198

Mono Bloc Service Kits



Fullwood pt#

045757 Service Kit for Large Mono Bloc Clear including 1 x 044134 domed float, 2 x 030191 rubber connector & 1 x 070198 Lid seal

045758 Service Kit for Large Mono Bloc Flap including 1 x 044134 domed float, 2 x 030191 rubber connector & 1 x 071302 Lid washer

045759 Service Kit for FR Mono Bloc Flap including 1 x 044134 domed float, 2 x 030288 rubber connector & 1 x 045422 Drain flap assy

Tall SS Interceptor Vessel Overhaul Kit



Fullwood pt#

141263 Tall stainless steel interceptor vessel (141249) overhaul kit includes 1 x 141246 seal & 1 x 067556 interceptor drain elbow with flap

Bucket Interceptor Service Kit



Fullwood pt#

044109 Bucket interceptor vessel service kit including 1 x 044113 flap, 1 x 044117 lid seal & 1 x 044134 domed float

Centri 84 Overhaul Kit



Fullwood pt#

066429 Centri 84 overhaul kit including 1 x 071313 lid washer & 1 x 067556 drain elbow with flap

Servac Service Kits



Fullwood pt#

- 045277** Service Kit for Servac 3500 Regulator 045263 including Diagram Item 5 -045381, Item 7 -045251, Item 8 -007617, Item 13 -045208, Item 19 -007631, Item 25 -045234, Item 26 -045259



- 045355** Service Kit for Servac 7000 Regulator 045219 including 1x045234 air clean element, 1x045381 diaphragm, 2x045208 diaphragm, 1x007631 o-ring, 1x045251 pilot valve, 2x007617 o-ring, 1x045206 gasket, 2 x 045259 foam ring



Pulsman Service Kit



Fullwood pt#

- 043189** Pulsman Service Kit including 2 x 043163 Pulsman valve assy, 2 x 007634 O ring, 2 x 043176 sealing ring & 1 x 043187 foam pad

Bitron Service Kit



Fullwood pt#

- 043295** Bitron Service Kit including 1 x 043256 base & valve assy & 1 x 043241 filter element

Unitron Service Kit



Fullwood pt#

043272 Unitron Service kit including 1 x 000542 screw, 1 x 007634, 2 x 043239, 1 x 043244, 1 x 043249, 1 x 043262 & 3 x 043292 plastic shim

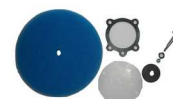


Master Relay Service Kit



Fullwood pt#

043421 Master Relay Service kit including 1 x 001115 nut, 1 x 043382 gasket, 1 x 042237 boost valve, 1 x 043326 spindle s/assy, 1 x 043414 diaphragm, 1 x 043396 filter, 1 x 007633 O-ring



Pulse Relay Service Kit



Fullwood pt#

043109 Pulse Relay Service Kit including 1 x 043111, 1 x 043117

See image above

Receiver with Transparent Lid Service Kit

Fullwood pt#

066430 Receiver with transparent lid Service Kit including 1 x 071314 lid seal (for 070218), 1 x 030269 rubber connector & 1 x 035565 cap only for milk pump drain outlet

Receiver with stainless steel Lid Service Kit

Fullwood pt#

066431 Receiver with stainless steel lid Service Kit including 1 x 071313 lid washer, 1 x 030269 rubber connector, 1 x 035565 cap only for milk pump drain outlet & 1 x 030206 rubber connector

Controflow Receiver Overhaul Kit

Fullwood pt#

066432 Controflow Receiver Overhaul Kit including 1 x 070198 seal, 1 x 070282 seal, 1 x 070283 O ring, 1 x 070284 O ring, 1 x 070285 O ring, 1 x 035227 flap valve, 1 x 070291 tapered protection cap, 1 x 035565 drain outlet cap

Sanitary Trap Service Kit



Fullwood pt#

066427 Horizontal 14ltr sanitary trap Service Kit including 2 x 070198 seal & 4 x 001684 washers

066428 Vertical 6ltr sanitary trap Service Kit including 2 x 071313 lid washer & 1 x 001684 washer

Milk Pump Service Kits



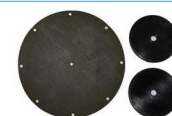
Fullwood pt#

292200 Milk Pump service kit NW40 Silicon for FP66 milk pumps type 135212 & 135213.**135220** Milk Pump service kit FU25 for FP66 milk pumps type 135210 & 135211**035568** Milk Pump service kit for Hy-Cap milk pumps 035580 / 067987 / 035589**035567** Milk Pump service kit for Standard milk pumps 035135/035156

Vacuum Clamp Valve Service Kit



Fullwood pt#

035497 Vacuum clamp valve blue service kit including 2 x 035527 support disc & 1 x 035530 diaphragm

Magnum Milk Filter (Spring type) service kit

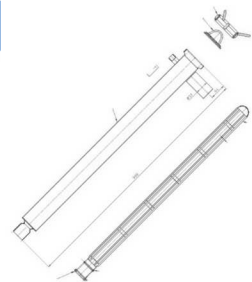


Fullwood pt#

035021

Service Kit for Magnum milk filter - spring type including 1 x 035565 drain cap, 1 x 188888 O ring, 2 x 188886 O ring & 1 x 072734 seal

Magnum Milk Filter (Cage type) service kit



Fullwood pt#

035022

Service Kit for Magnum milk filter - cage type including 1 x 035565 drain cap, 1 x 089822 O ring, 2 x 089568 O ring & 1 x 035006 seal

Major Milk Filter service kit



Fullwood pt#

035023

Major filter service kit including 1 x 035006 seal, 2 x 089568 O ring & 1 x 089822 seal

Standard Milk Filter service kit



Fullwood pt#

035024

Standard filter service kit including 1 x 035047 seal & 2 x 115406 O ring

Afiflo/LM1 Milk Meter service kits



Fullwood pt#

- 133576** Milk meter valve service kit (for interim service)
- 133560** Milk meter service kit complete (Diagram Item 2, Item 4 and Item 7)



- 133724** Afiflo/LM1 overhaul kit 4000 including 2 x 133514 gasket, 1 x 133555 sampler connector & 1 x 033424 rubber bottle holder

ACR Combination Control Valve service kit



Fullwood pt#

- 032679** Combination Control Valve Service Kit including 2x002944 spring, 3x007617 o-ring, 2x007628 o-ring, 2x007629 o-ring, 2x032664 relay valve rubber, 1x032665 rubber gasket, 2x032666 diaphragm, 1x032975 diaphragm, 1x032978 valve rubber and instruction leaflet



ACR Cylinder Stainless Steel service kits



Fullwood pt#

- | | |
|---------------|--|
| 032531 | Service Kit for 4mm Stainless Steel Acr Cylinder including 1 x 032372 sealing ring, 1 x 070976 3mtr 4mm rope, 1 x 003566 4mm rope clip & 1 x 007619 O ring |
| 032532 | Service Kit for 5mm Stainless Steel Acr Cylinder including 1 x 032372 sealing ring, 1 x 085198 3mtr 5mm rope, 1 x 003408 rope clip & 1 x 007619 O ring |

DVC100 Service Kit



Fullwood pt#

- | | |
|---------------|---|
| 078469 | Plastic Acr ram DVC1000 service kit including 1 x 078476 & 1 x 078474 |
|---------------|---|

Direct Acting Relay service kit



Fullwood pt#

- | | |
|---------------|--|
| 032696 | Blue & black cylinder relay service kit including 1 x 032684, 1 x 042318 blue relay valve rubber, 1 x 007629 O ring, 1 x 007617 O ring, 1 x 032681, 1 x 007628 O ring, 1 x 032664 black relay valve rubber |
|---------------|--|

Clearflow Claw Bowl service kits



Fullwood pt#

- 021763** Clearflow with shut off Service Kit including 1 x 021740 gasket, 1 x 021644 washer, 1 x 021502 lock open cap, 2 x 001684 washer, 1 x 001736 ss washer



- 021764** Clearflow less shut off Service Kit including 1 x 021740 gasket, 1 x 021644 washer, 1 x 021533 pivot cap, 2 x 001684 washer, 1 x 001736 ss washer



Clearflow Claw service kits + transparent bowl



Fullwood pt#

- 021746** Claw Bowl Clearflow transparent with shut off, dome base with long spindle (Diagram Item 6)



- 021748** Clear Bowl Clearflow less shut off dome base long spindle (Diagram Item 6)



- 021745** Claw Bowl Clearflow for obsolete claws conical base with shut off and short spindle (alt to Diagram Item 6)



- 021747** Claw Bowl Clearflow conical type less shut off short spindle suitable for flat base Clearflow claw



Diamond 300 Service Kit



Fullwood pt#

021724 Diamond 300 service kit including 1x021734 gasket & 1x021735 sealing washer

Jetter Cone service kits



Fullwood pt#

053083 Jetter cone Blue D29 complete replacement kit including 4 x 053084 cap, 4 x 053085 stem, 4 x 000981 screw, 4 x 007618 O-ring**053093** Jetter cone Black D29-32 complete replacement kit including 4 x 053094 stem, 4 x 053095 cap, 4 x 000981 screw, 4 x 007618 O-ring**053100** Jetter cone Black D27-29 complete replacement kit including 4 x 053056 cap, 4 x 053057 stem, 4 x 000981 screw, 4 x 007618 O-ring

Air Injector Service Kit



Fullwood pt#

- 066468** Air valve service kit for 066552/070970 including 1x043414 diaphragm, 1x042237 boost valve, 1x000748 screw, 1x001240 nut & 1x001519 washer



Wash Slugger Service Kit

Fullwood pt#

- 066457** Slugger service kit including 1x066468 air valve service kit, 1x035497 vac clamp valve service kit, 1x024043 servo valve repair assy & 2x032352 diaphragm

Fullclean Plant washer service kits



Fullwood pt#

- 053453** Fullclean CCW (L dosing) service kit including 2x 007716 tube, 1x054419 tube, 4x001954 hose clip, 1x001907 hose clip, 3x053446 footvalve & 1x003274 seal
- 053454** Fullclean CCW (S dosing) service kit including 2x 007715 tube, 1x054419 tube, 3x001907 hose clip, 3x004780 footvalve & 1x003274 seal

Rotary Milk Swivel Seal Kits



Fullwood pt#

- 189869** Milk Swivel seal kit for 40mm milk swivel 089990 & 51mm milk swivel 089960



- 189879** Milk Swivel seal kit rejection 32mm, milk 63mm compressed air. Service kit for 089830
- 188228** 4" Triple Milk Swivel kit. Service kit for 188090

Rotary Abreast deck wheel overhaul kit



Fullwood pt#

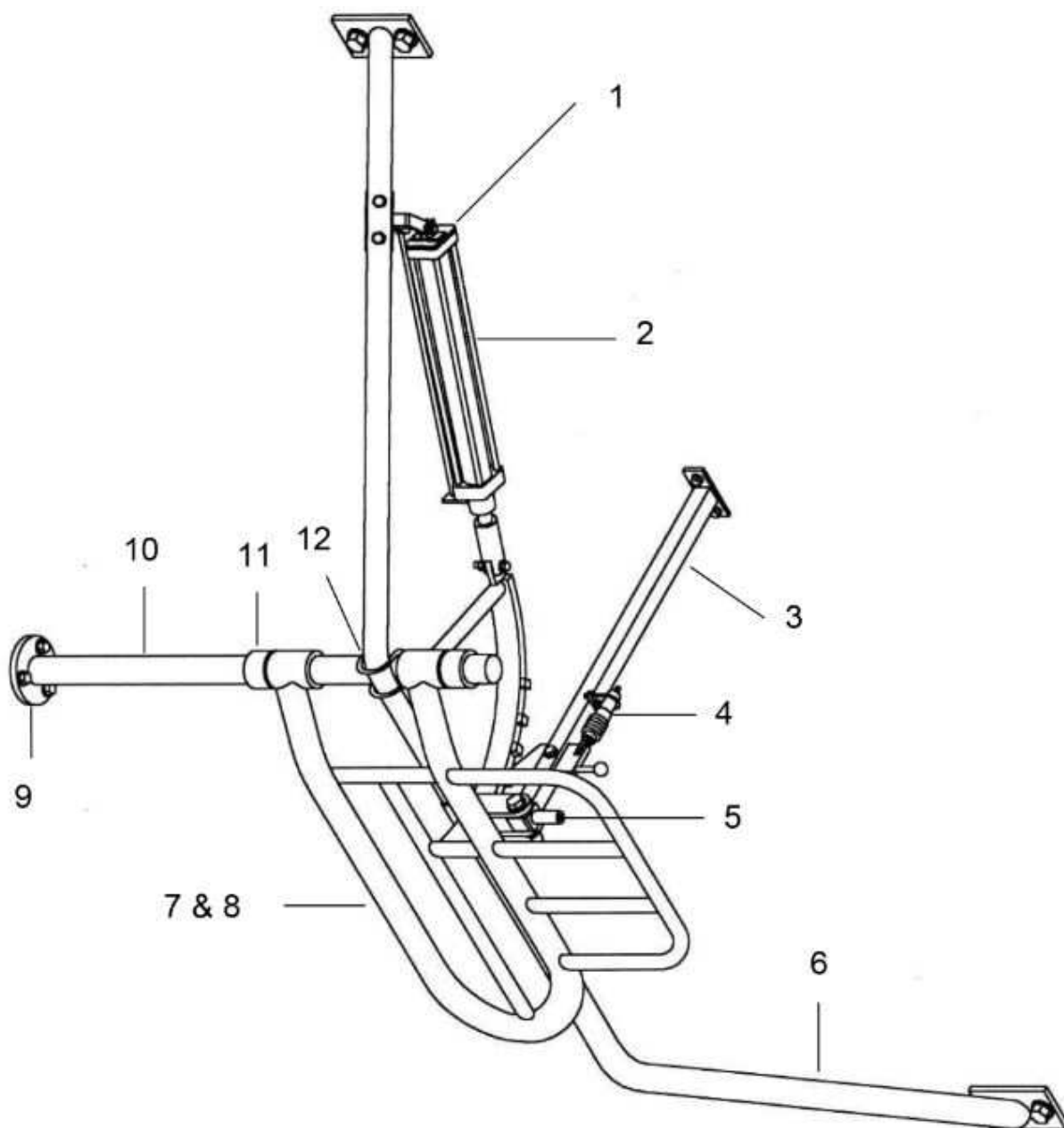
190858

Rotary Abreast deck wheel overhaul kit including 2x089322 bearing, 2x089321 bush, 2x089323 seal, 1x089303 wheel axle s/assy, 1x001078 nut, K323 grease & 2 x screws

Stalling & Gate Spares



50 degree Vacuum Operated Entry Gate



Vacuum Operated Entry Gate 50 deg parts listing

Fullwood pt#

076249 Cylinder assembly for 50 degree entry gate (Diagram item 1) & 50 degree exit gate (Diagram item 8)

continuation of previous page

Fullwood pt#

004868 D80-460 Cylinder only for 076249 and 060077 assembly - seal kit is 004869



004869 Vacuum Operated gate cylinder service kit 80mm SMC type ram no 004834 & 004868

076276 Cylinder support kit (Diagram item 2)

076296 Latch post assembly (Diagram item 3)

076287 Latch for gate latch assembly (Part of Diagram item 4)

076288 Lever for gate latch assembly (Part of Diagram item 4)

076311 Bellows end plug for gate latch assembly (Part of Diagram item 4)



076310 Bellows for gate latch assembly (Part of Diagram item 4)



035214 FU outlet nut for Standard milk pump also used on gate latch assembly (Part of Diagram item 4)



076289 Cylinder body for gate latch assembly (Part of Diagram item 4)

076274 Threaded rod for gate latch assembly (Part of Diagram item 4)

076273 25mm Plastic ball for gate latch assembly (Part of Diagram item 4)

001225 M3 headed insert for gate latch assembly (Part of Diagram item 4)

076293 Latch support kit (Diagram item 5)

076498 Lead in rail (Diagram item 6)



076260 Left hand entry gate (Diagram item 7)



076261 Right hand entry gate (Diagram item 8)



004658 Galvanised Flange fitting 1.25" BSP F with 3 fixing holes for 50 degree entry gate (Diagram item 9)



076275 Pivot post (Diagram item 10)

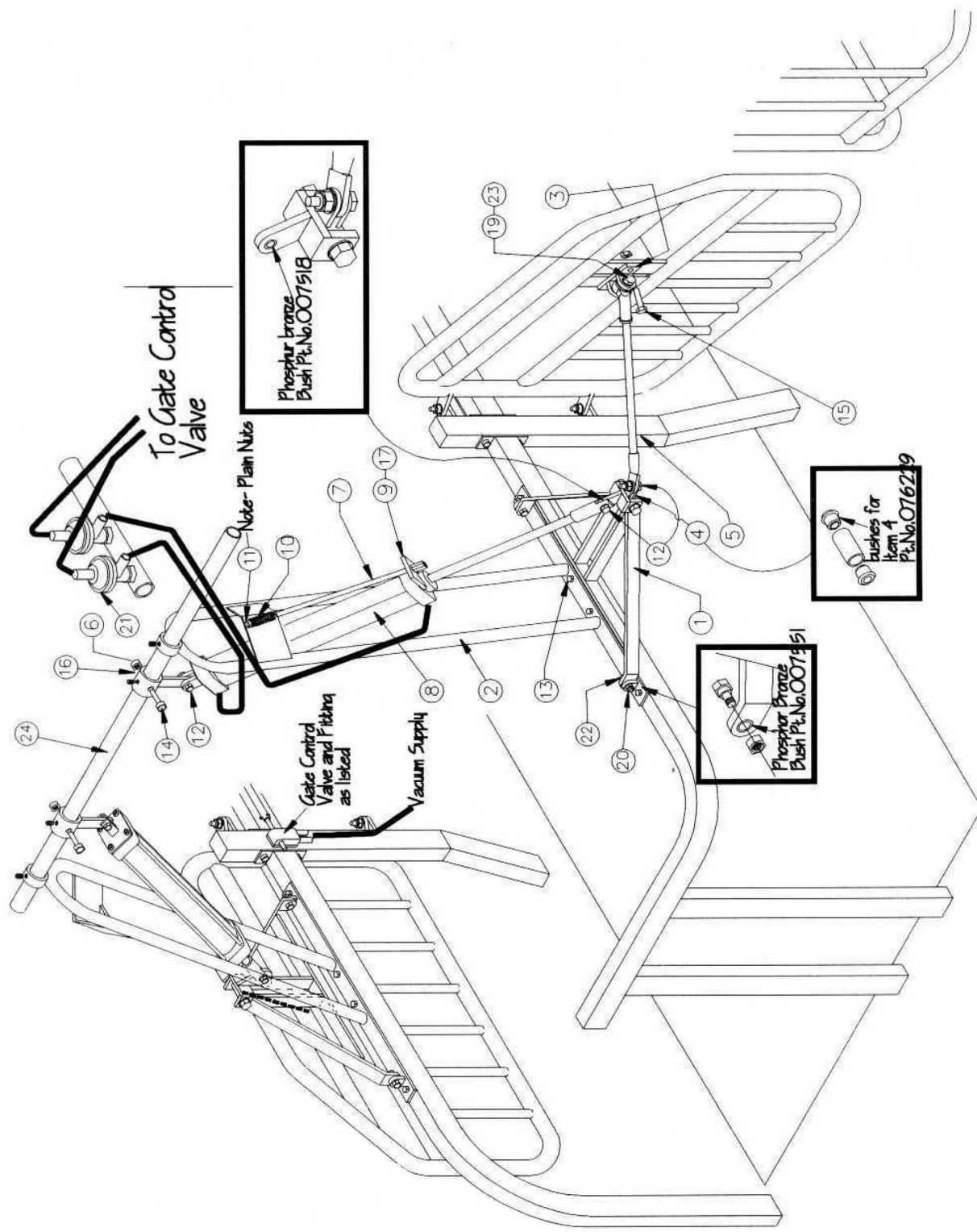
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Fullwood pt#

- | | |
|---------------|--|
| 060267 | Adjustable stop for 50 degree entry gate (Diagram item 11) & 32 degree entry gate (Diagram item 7) |
| 004618 | Crossover Clamp 1.25" x 1.25" galv tubing for 32 degree entry gate (Diagram item 8) & 50 degree entry gate (Diagram item 12) |



50 degree Vacuum Operated Exit Gate



Vacuum Operated Exit Gate 50 degree parts listing

Fullwood pt#

- 076241** 'A' frame and bushes assembly (Diagram item 1)
- 076214** Gate pivot assembly (Diagram item 3)
- 076242** Swivel pivot and bushes assembly (Diagram item 4)



- 076250** Extension arm assembly (Diagram item 5)
- 060910** Swivel link end (part of 076250)



- 076218** Cylinder rear end mounting assembly (Diagram item 6)
- 076221** Rod assembly (Diagram item 7)
- 076249** Cylinder assembly for 50 degree entry gate (Diagram item 1) & 50 degree exit gate (Diagram item 8)
- 004868** D80-460 Cylinder only for 076249 and 060077 assembly - seal kit is 004869



- 004869** Vacuum Operated gate cylinder service kit 80mm SMC type ram no 004834 & 004868
- 061084** Torsion bar guide (Diagram item 9)
- 002943** 20 coil compression spring (Diagram item 10)
- 043100** Pulse relay valve assembly (Diagram item 21)



- 060091** Linkage bolt for 50 degree exit gate (Diagram item 22) & 32 degree entry gate (Diagram item 2a)



- 003051** Galvanised tube 1" blue band 6mtr lengths for 50 degree exit gate (Diagram item 24)
- 060477** Vacuum control valve kit for 50 degree exit gate (Diagram item 25) & 32 degree exit gate (Diagram item 24)



- 060478** Back plate spacer for 50 degree exit gate (Diagram item 26) & 32 degree exit gate (Diagram item 25)



- 060443** Control rod end support assembly for 50 degree exit gate (Diagram item 27) & 32 degree exit gate (Diagram item 26)
- 060440** Adjusting collar for 50 degree exit gate (Diagram item 28) & 32 degree exit gate (Diagram item 27)

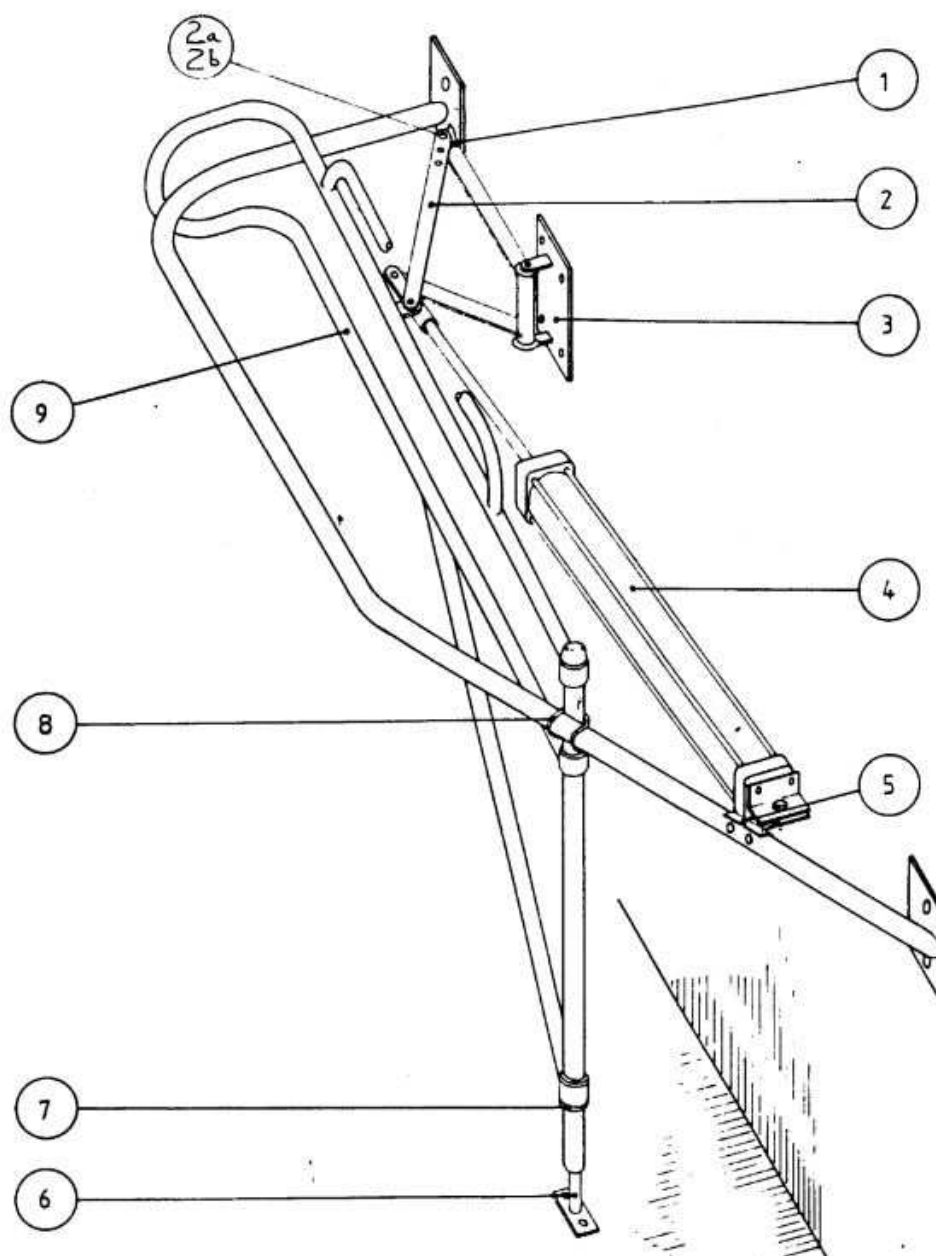
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Fullwood pt#

022104 Pulse tube 8mmID - 2438mm long for 32 degree exit gate (Diagram item 31) & 50 degree exit gate



32 degree Vacuum Operated Entry Gate



Vacuum Operated Entry Gate 32 deg parts listing

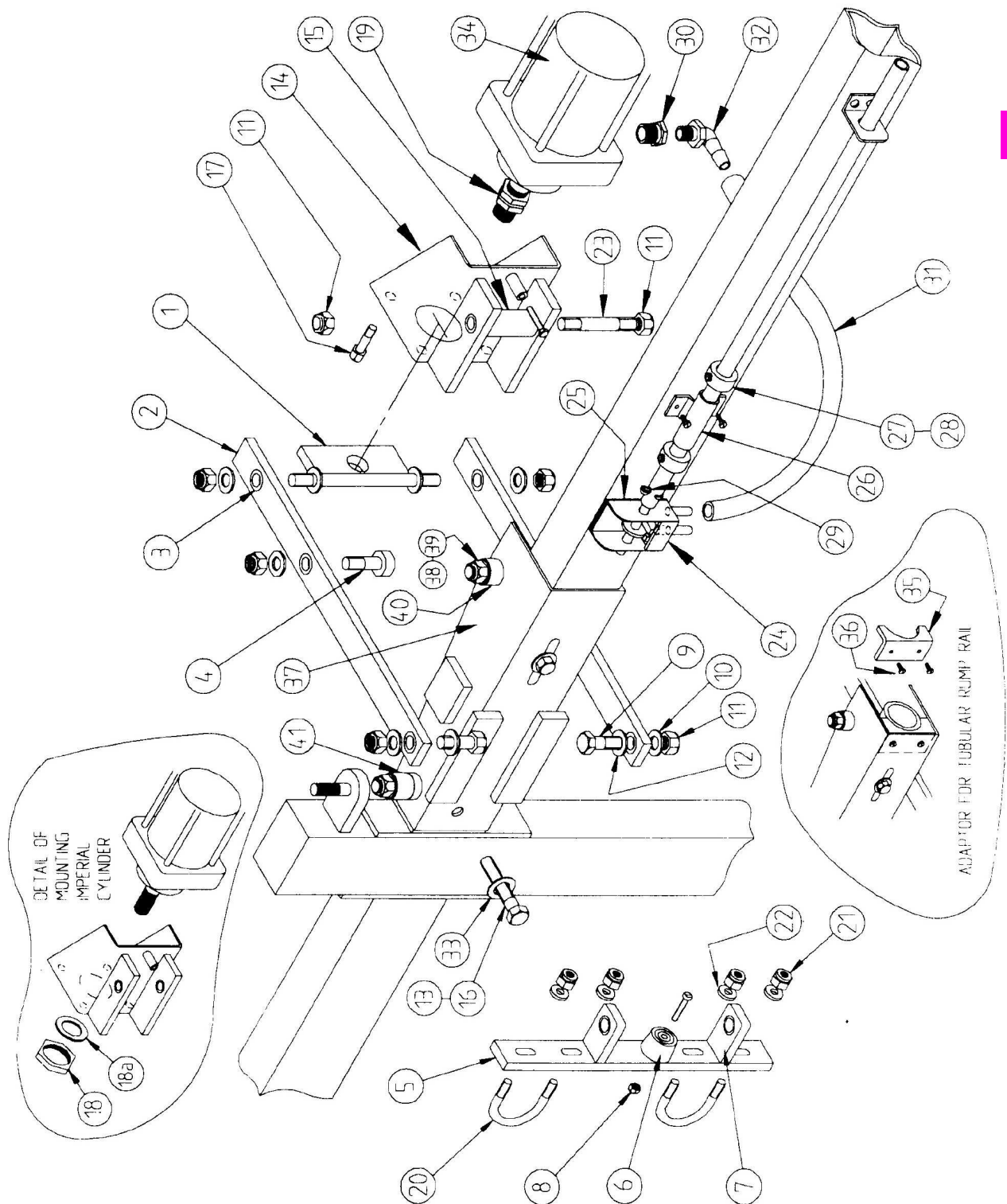
Fullwood pt#

060531	Over centre stop left hand for 32 degree entry gate (Diagram item 1)	
060532	Over centre stop right hand for 32 degree entry gate (Diagram item 1)	
060055	Link assembly (Diagram item 2)	
060091	Linkage bolt for 50 degree exit gate (Diagram item 22) & 32 degree entry gate (Diagram item 2a)	
007551	Bush for 32 degree entry gate (Diagram item 2b) & 32 degree exit gate (Diagram item 3)	
060069	Left hand Fulcrum & Support bracket assembly (Diagram item 3)	
060068	Right hand Fulcrum & Support bracket assembly (Diagram item 3)	
060077	Cylinder assembly (Diagram item 4)	
004868	D80-460 Cylinder only for 076249 and 060077 assembly - seal kit is 004869	
004869	Vacuum Operated gate cylinder service kit 80mm SMC type ram no 004834 & 004868	
060074	Cylinder support bracket assembly (Diagram item 5)	
060066	Support post insert assembly (Diagram item 6)	
060267	Adjustable stop for 50 degree entry gate (Diagram item 11) & 32 degree entry gate (Diagram item 7)	
004618	Crossover Clamp 1.25" x 1.25" galv tubing for 32 degree entry gate (Diagram item 8) & 50 degree entry gate (Diagram item 12)	
060082	Gate arm assembly left hand (Diagram item 9)	

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Fullwood pt#

060040 Gate arm assembly right hand (Diagram item 9)**065557** Lead In Rail assembly

32 degree Vacuum Operated Exit Gate

Vacuum Operated Exit Gate 32 degree parts listing

Fullwood pt#

060844	Cylinder connecting bracket (Diagram item 1)
060860	Link assembly (Diagram item 2)
007551	Bush for 32 degree entry gate (Diagram item 2b) & 32 degree exit gate (Diagram item 3)
060862	Roller stop pin (Diagram item 4)
060854	Gate bracket assembly (Diagram item 5)
060866	Rubber stop (Diagram item 6)
060849	Cylinder mounting bracket (Diagram item 14)
060848	Spacer (Diagram item 15)
060477	Vacuum control valve kit for 50 degree exit gate (Diagram item 25) & 32 degree exit gate (Diagram item 24)



060478	Back plate spacer for 50 degree exit gate (Diagram item 26) & 32 degree exit gate (Diagram item 25)
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060443	Control rod end support assembly for 50 degree exit gate (Diagram item 27) & 32 degree exit gate (Diagram item 26)
060440	Adjusting collar for 50 degree exit gate (Diagram item 28) & 32 degree exit gate (Diagram item 27)
004105	Reducing bush 3/8" - 1/4"BSP (Diagram item 30)
022104	Pulse tube 8mmID - 2438mm long for 32 degree exit gate (Diagram item 31) & 50 degree exit gate



004817	Elbow adaptor (Diagram item 32)
060869	Gate saddle assembly (Diagram item 37)

Other Vacuum Operated Gate Spares

Fullwood pt#

060501	Lever Assy LH Vacuum Operated Gate
060502	Lever Assy RH Vacuum Operated Gate
060503	Cylinder assembly for vacuum operated exit gate
004834	Cylinder only (for 060503, 060835, 060839)
099032	Gate controller button box assembly



099188	Gate control PCB assembly
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Fullwood pt#

007518 Self lubricating bush 3/8"**084830** Restrictor 1.2mm Hole/13.8od for 50 degree exit gate (Diagram item 39) & 32 degree exit gate

Vacuum Operated Gate Cylinder Service Kits

Fullwood pt#

004811 Vacuum Operated gate cylinder service kit 3" Diameter Schrader type ram no 004800, 004802 & 004806**004833** Vacuum Operated gate cylinder service kit 80mm Parker type ram no 004830, 004831 & 004832**107322** Vacuum Operated gate cylinder service kit 80mm Festo DNC type ram no 107320 & 107321**004869** Vacuum Operated gate cylinder service kit 80mm SMC type ram no 004834 & 004868**077640** Index 90 entry gate Fullwood stalling compressed air seal kit**077638** Index 90 exit gate Fullwood stalling compressed air seal kit

Manual Operated Tip-up Gate

Fullwood pt#

004675 Manual Operated tip-up gates 32 & 50 degree pivot casting**065835** Camlock assembly

continuation of previous page

Fullwood pt#

060539 Left hand Hinge bar assembly**060540** Right hand Hinge bar assembly

Index 90 Sequence Gate

Fullwood pt#

077883 Index 90 sequence gate spring insert**002954** Index 90 sequence gate spring LH**002955** Index 90 sequence gate spring RH (red)

See image above

077875 Plastic washer**077880** Locking collar**077882** Bronze bush M/CD**077876** Bronze bush

See image above

077881 Nylon bush

Pit Steps

Fullwood pt#

076901 Pit Steps 3 tread installation kit

076900 Pit Steps 4 tread installation kit


Rotary Spares

Fullwood pt#

089138 Rotary gearbox oil 2ltr container

017152 Rotary power pack oil

185999 Rotary track oil

089240 Rotary oil wipe pad

Brackets & Fixings



PVC Pipe Clips

Fullwood pt#

004956 1 1/4" Pipe Clip Maclow



004936 2" Pipe Clip Maclow

See image above

184041 Cobra Clip 90mm/3" pipe clip

See image above

079479 Cobra clip 32mm pipe clip



184015 Cobra clip 40mm pipe clip

See image above

184016 Cobra clip 50mm pipe clip

See image above

184040 Cobra clip 63mm/2" pipe clip

See image above

184017 Cobra clip 75mm pipe clip

See image above

184042 Cobra clip 110mm/4" pipe clip

See image above

Plasclips

Fullwood pt#

031474 Plasclip kit black plastic for 1.5" pipe including retention clip



031473 Plasclip kit black plastic for 1" pipe including retention clip

See image above

031019 Plasclip 1.5"



031018 Plasclip black plastic for 1" pipe

See image above

031478 Plasclip Retention Clip black plastic for 1" & 1.5" pipe



031475 Plasclip black plastic retention for 2" pipe OBSOLETE - LIMITED STOCK AVAILABLE



Bridge Arm Brackets

Fullwood pt#

031551	Bridge arm mounting bracket 1.25" galvanised clamp for 32mm stainless steel	
031550	Bridge arm mounting bracket 1.25" galvanised clamp for 40mm stainless steel	See image above
031549	Bridge arm mounting bracket 1.25" galvanised clamp for 50mm stainless steel	See image above
031548	Bridge arm mounting bracket 1.25" galvanised clamp for 76mm stainless steel	See image above
031552	Bridge arm clamp only for 2"/60mm galvanised tube	
031509	Bridge arm clamp only for 1.5" galvanised tube	See image above
031543	Bridge arm clamp only for 3" stainless steel tube	See image above
031507	Bridge arm clamp only for 40mm stainless steel tube	See image above
031505	Bridge arm clamp only for 32mm stainless steel tube	See image above

Twist In Clips

Fullwood pt#

003610	Aluminium mounting channel 3mtr for twist in clips	
003622	Twist in clip for 50mm pipe	
003623	Twist in clip for 63mm pipe OBSOLETE - LIMITED STOCK AVAILABLE	See image above
003624	Twist in clip for 76mm pipe	See image above
003625	Twist in clip for 90mm pipe OBSOLETE - LIMITED STOCK AVAILABLE	See image above

Clamp Support Slides

Fullwood pt#

003630	Stainless steel vertical slide 400mm for clamp support slides	
003631	Stainless steel vertical slide 600mm for clamp support slides	See image above
003632	Stainless steel horizontal support slide 300mm for clamp fit	

continuation of previous page

Fullwood pt#

003633 Clamp support slide 32mm



003634 Clamp support slide 40mm

See image above

003635 Clamp support slide 50mm

See image above

003636 Clamp support slide 63mm

See image above

003637 Clamp support slide 76mm

See image above

003638 Clamp support slide 90mm

See image above

115180 Clamp support slide 101mm

See image above

003639 Clamp support slide 114mm

See image above

Line Carrier Brackets

Fullwood pt#

070870 Line Carrier bracket



070871 Mounting Post Assembly for Line Carrier Bracket



070874 Square Crossover Clip Kit galvanised including 1 x 070879 saddle, 2 x 070877 square saddle, 1 x 070875 square crossover clip assy, screws & nuts



089494 2" SS Mounting Clamp for line carrier bracket 070870



089495 3" SS Mounting Clamp for line carrier bracket 070870

See image above

089493 4" SS Mounting Clamp for line carrier bracket 070870

See image above

Crossover Clip Kit

Fullwood pt#

031006	Crossover clip kit galvanised 32mm x 32 mm including 2 x 031003 saddle, 1 x 031007 crossover clip assy, screws & nuts	
031061	Crossover clip kit galvanised 50mm x 32 mm including 1 x 031003 saddle, 1 x 031063 saddle, 1 x 031062 crossover assy, screws & nuts	See image above
031104	Crossover clip kit galvanised 50mm x 32mm including 1 x 031003 saddle, 1 x 031079 saddle, 1 x 031105 crossover assy, screws & nuts	See image above
031091	Crossover clip kit galvanised 50mm x 50mm including 2 x 031063 saddle, 1 x 031093 crossover clip assy, screws & nuts	See image above
070874	Square Crossover Clip Kit galvanised including 1 x 070879 saddle, 2 x 070877 square saddle, 1 x 070875 square crossover clip assy, screws & nuts	
031003	Galvanised saddle 1" - Clamp Valve (Diagram Item 11)	
031063	Galvanised saddle 1.5"	
031079	Galvanised saddle 2"	
070879	Galvanised saddle 42mm	
070877	Square saddle - narrow - galvanised	
031007	Crossover clip assembly	
031062	Crossover clip assembly 1 1/2" - 1"	
070875	Crossover clip assembly - Square	

Crossover Clamps

Fullwood pt#

004531	Crossover Clamp 1" x 1" galv tubing	
004433	Crossover Clamp 0.75" x 0.75" galv tubing	See image above
004544	Crossover Clamp 1" x 0.75" galv tubing	See image above
004532	Crossover Clamp 1.25" x 1" galv tubing	See image above
004764	Crossover Clamp 1.5" x 1" galv tubing	See image above
004638	Crossover Clamp 1.25" x 0.75" galv tubing	See image above

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Fullwood pt#

004618 Crossover Clamp 1.25" x 1.25" galv tubing for 32 degree entry gate (Diagram item 8) & 50 degree entry gate (Diagram item 12)



004765 Crossover Clamp 1.5" x 1.25" galv tubing

See image above

004763 Crossover Clamp 2" x 1.25" galv tubing

See image above

004747 Crossover Clamp 1.5" x 1.5" galv tubing

See image above

004759 Crossover Clamp 2" x 1" galv tubing

See image above

Parallel Clip Kit

Fullwood pt#

031086 Parallel clip Kit 60mm x 60mm comprising 2 x 031079 saddle, 1 x 031084 parallel clip & nuts/screws



031082 Parallel clip Kit 50mm x 50mm comprising 2 x 031063 saddle, 1 x 031083 parallel clip & nuts/screws

See image above

031087 Parallel clip Kit 50mm x 32mm comprising 1 x 031003 saddle, 1 x 031063 saddle, 1 x 031201 parallel clip & nuts/screws

See image above

031002 Parallel clip Kit 32mm x 32mm comprising 2 x 031003 saddle, 1 x 031004 parallel clip & nuts/screws

See image above

031008 Parallel clip kit extended 70mm galvanised 32mm x 32mm



031004 Short Parallel Clip 32mm (in 031002 kit)



031084 Parallel Clip 2" (in 031086 kit)



031201 Parallel clip 1"-1 1/2" (in 031087 kit)

031003 Galvanised saddle 1" - Clamp Valve (Diagram Item 11)



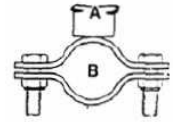
031079 Galvanised saddle 2"

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Fullwood pt#

031063 Galvanised saddle 1.5"

066463 Stanchion Clip Kit A32 B34 comprising 1 x 031003 saddle, 1 x 066464 saddle assy, nuts & screws OBSOLETE - LIMITED STOCK AVAILABLE



Pulse Line Clip Kits

Fullwood pt#

031000 Pulse line clip 32mm x 16mm round conduit



031102 Pulse line clip 63mm x 16mm round conduit OBSOLETE - LIMITED STOCK AVAILABLE

Trunking Bracket Kit

Fullwood pt#

032375 Trunking bracket Kit including 1 x 031003 saddle, 1 x 031017 bracket, screws, nuts and washers



Galvanised Saddle

Fullwood pt#

031003 Galvanised saddle 1" - Clamp Valve (Diagram Item 11)



031063 Galvanised saddle 1.5"

031079 Galvanised saddle 2"

070879 Galvanised saddle 42mm

070877 Square saddle - narrow - galvanised

Stainless Steel Saddle

Fullwood pt#

080156 Stainless Steel saddle 1"



Wash Line Bracket

Fullwood pt#

- 031124** Wash line bracket 50mm stainless steel x 2" (60mm) galvanised wash line lock device
OBSOLETE - LIMITED STOCK AVAILABLE



- 031122** Wash line bracket 50mm stainless steel x 1.5" (48mm) galvanised wash line lock device

See image above

- 031110** Wash line bracket 90mm vacuum x 50mm stainless steel line lock & weld saddle
OBSOLETE - LIMITED STOCK AVAILABLE

Pipe Support/ Wall Brackets

Fullwood pt#

- 031500** Wall Bracket Assembly - fits 15mm galvanised tube



- 031560** Pipe Support Bracket - wall bracket only



U Bolt

Fullwood pt#

- 031561** U bolt bright mild steel 50mm



- 085024** U bolt bright mild steel 52mm

See image above

- 031562** U bolt bright mild steel 67mm

See image above

- 160736** U bolt bright mild steel 76mm

See image above

- 031563** U bolt bright mild steel 90mm

See image above

- 030826** U bolt stainless steel 58mm

See image above

- 001142** M8 Hex nut BZP

- 001516** M8 Washer (type A) BZP

- 001517** M8 Washer (type C) BZP

Stainless Steel Hose Clip/ Jubilee Clip

Fullwood pt#

001895	Hoseclip stainless steel 12mm - 20mm	
070290	Hoseclip stainless steel 16mm - 25mm	See image above
001894	Hoseclip stainless steel 20mm - 32mm	See image above
001888	Hoseclip stainless steel 45mm - 60mm	See image above
001861	Hoseclip stainless steel 50mm - 70mm	See image above
001875	Hoseclip stainless steel 60mm - 80mm	See image above
001898	Hoseclip stainless steel 70mm - 90mm	See image above
089426	Hoseclip stainless steel 90mm - 110mm	See image above
001399	Hoseclip stainless steel 110mm - 120mm OBSOLETE - LIMITED STOCK AVAILABLE	See image above
001908	Hoseclip stainless steel 130mm - 150mm	See image above
001863	Hoseclip stainless steel 32mm - 50mm	See image above

Herbie Hose Clip

Fullwood pt#

001907	Herbie hose clip plastic 9.2mm - 10.3mm	
001955	Herbie hose clip plastic 10.2mm - 11.8mm	See image above
053472	Herbie hose clip plastic 11.1mm - 12.9mm	See image above
001954	Herbie hose clip plastic 13.1mm - 15.1mm	See image above
052382	Herbie hose clip plastic 16.9mm - 19.1mm	See image above
001893	Herbie hose clip plastic 18.1mm - 20.6mm	See image above
001956	Herbie hose clip plastic 24.5mm - 27.6mm	See image above
001957	Herbie hose clip plastic 26.5mm - 29.5mm	See image above
053447	Polyprop Herbie hose clip E/PP 13.1mm - 15.1mm OBSOLETE - LIMITED STOCK AVAILABLE	See image above

Brackets & Fixings Accessories

Fullwood pt#

005110 Cable Tie black nylon 300mm x 4.8mm



005109 Cable Tie black nylon 70mm

See image above

007076 Silicone spray 290ml cartridge

007108 Loctite pipe sealant 577



007044 P.T.F.E Tape



007056 Evo stick glue 250ml



007070 Aluminium paint 250ml tin



089697 Grease food quality



007200 Galvanised spray paint



Galvanised Tube lengths



Fullwood pt#

003052	Galvanised tube 3/4" blue band 6mtr lengths
003051	Galvanised tube 1" blue band 6mtr lengths for 50 degree exit gate (Diagram item 24)
003050	Galvanised tube 1.25" blue band 6mtr lengths
003056	Galvanised tube 1.5" blue band 6mtr lengths
003057	Galvanised tube 2" blue band 6mtr lengths

Galvanised Tube End Cap



Fullwood pt#

065640	End cap outer type for 1.25" galvanised tube
030204	End cap plug for 1" galvanised tube
030207	End cap plug for 1.25" galvanised tube

Galvanised Bend



Fullwood pt#

004526	Galvanised DF Bend 1" BSP F
004716	Galvanised DF Bend 1.5" BSP F
004725	Galvanised DF Bend 2" BSP F
004770	Galvanised DF Bend 3" BSP F
004717	Galvanised DF Bend 1.5" BSP M F

Galvanised Flange Fitting

Fullwood pt#

- 004658** Galvanised Flange fitting 1.25" BSP F with 3 fixing holes for 50 degree entry gate (Diagram item 9)



Galvanised Back Nut

Fullwood pt#

- 004106** Galvanised back nut 3/8" BSP F
- 004550** Galvanised back nut 1" BSP F
- 004650** Galvanised back nut 1.25" BSP F



Galvanised Barrel Nipple

Fullwood pt#

- 004538** Galvanised barrel nipple 1" BSP male 3" long
- 004737** Galvanised barrel nipple 2" BSP male 6" long
- 004773** Galvanised barrel nipple 3" BSP male 6" long



Galvanised Reducer Bush

Fullwood pt#

- 004607** Galvanised bush red 1.25" to 1" BSP F
- 004706** Galvanised bush red 1.5" to 1" BSP F
- 004707** Galvanised bush red 1.5" to 1.25" BSP F



Galvanised Hexagon Nipple



Fullwood pt#

004561	Galvanised hexagon nipple 1" BSP male
004733	Galvanised hexagon nipple 2" BSP male
004772	Galvanised hexagon nipple 3" BSP male

Galvanised Hexagon Reducer Nipple



Fullwood pt#

004542	Galvanised Hexagon nipple reducer 1" to 1/2" BSP male
004543	Galvanised Hexagon nipple reducer 1" to 3/4" BSP male

Galvanised Pitcher Tee

Fullwood pt#

004533	Galvanised pitcher tee 1" F
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Galvanised Reducer Pitcher Tee

Fullwood pt#

004647	Galvanised reducing pitcher tee 1.25" x 1" F
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Galvanised Plated Nipple

Fullwood pt#

004109 Galvanised plated 3/8" nipple 300mm M/M



Galvanised Plug Fitting



Fullwood pt#

004002 Galvanised plug fitting 1/8" BSP male

004145 Galvanised plug fitting 3/8" BSP male

004545 Galvanised plug fitting 1" BSP male

004745 Galvanised plug fitting 1.5" BSP male

004744 Galvanised plug fitting 2" BSP male

Galvanised Reducer Bush



Fullwood pt#

004407 Galvanised reducing bush 3/4" M to 3/8" F BSP

Galvanised Reducer Tee

Fullwood pt#

004512 Galvanised reducing tee 1" F to 3/8" F BSP



Galvanised Saddle

Fullwood pt#

031003 Galvanised saddle 1" - Clamp Valve (Diagram Item 11)



031063 Galvanised saddle 1.5"

031079 Galvanised saddle 2"

Galvanised Short Hinged Locking Tee

Fullwood pt#

004631 Galvanised short hinged locking tee 1.25"



Galvanised Short Locking Tee

Fullwood pt#

004609 Galvanised short locking tee 1.25"



Galvanised Socket Fitting



Fullwood pt#

004000 Galvanised socket fitting 1/4" BSP F/F

004201 Galvanised socket fitting 1/2" BSP F/F

004600 Galvanised socket fitting 1.25" BSP F/F

004700 Galvanised socket fitting 1.5" BSP F/F

004727 Galvanised socket fitting 2" BSP F/F

Galvanised Union Fitting



Fullwood pt#

004530	Galvanised union fitting 1" BSP F/F
004726	Galvanised union fitting 2" BSP F/F
004771	Galvanised union fitting 3" BSP F/F

Electrical



Trunking Grey Sqr & Fittings 100mm,75mm & 2"

Fullwood pt#

005915 Trunking grey 100mm square 3mtr lengths



005840 Trunking grey 75mm square 3mtr lengths

See image above

005831 Trunking grey 2" square 3mtr lengths

See image above

005918 Trunking grey 100mm square flat bend



005844 Trunking grey 75mm square flat bend

See image above

005832 Trunking grey 2" square flat bend

See image above

005917 Trunking grey 100mm square flat tee



005842 Trunking grey 75mm square flat tee

See image above

005835 Trunking grey 2" square flat tee

See image above

005847 Trunking grey 75mm square coupling



005836 Trunking grey 2" square coupling

See image above

005845 Trunking grey 75mm square external bend



005833 Trunking grey 2" square external bend

See image above

005848 Trunking grey 75mm square end cap



005837 Trunking grey 2" square end cap

See image above

Trunking Bracket

Fullwood pt#

032375 Trunking bracket Kit including 1 x 031003 saddle, 1 x 031017 bracket, screws, nuts and washers



070888 Trunking bracket stainless steel angled



Open slot flexible trunking

Fullwood pt#

089427 Open Slot Flex Trunking 75w75d



Conduit Rigid 32mm & Fittings

Fullwood pt#

003562 Conduit 32mm tube black plastic 3mtr lengths



003561 Conduit 32mm inspection bend black plastic



003560 Conduit 32mm adaptor Female thread black plastic



Conduit 25mm & Fittings

Fullwood pt#

097529 Conduit 25mm flexible black 30mtr reel



098165 Conduit 25mm round black plastic 3mtr



097532 Conduit 25mm gland & nut



003448 Conduit 25mm inspection bend black plastic



003447 Conduit 25mm inspection tee black plastic



098170 Conduit 25mm mounting saddle black plastic



098168 Conduit 25mm round conduit connector black plastic



098828 Conduit 25mm round conduit tee junction & lid

098186 Conduit 25mm to 20mm reducer black plastic



097530 Conduit 25mm adaptor male black



Conduit 20mm & Fittings

Fullwood pt#

005868	20mm Flexible conduit - Dari line station (Diagram Item 23)	
003454	Conduit 20mm tube black plastic 3mtr lengths	
003466	Conduit 20mm adaptor Male thread to female plain black plastic	
003457	Conduit 20mm round conduit connector black plastic	
003461	Conduit 20mm saddle mounting spacer black plastic	
003497	20mm conduit clip	
003530	20mm conduit inspection elbow	
005704	Hex Nut for 20mm conduit	
003456	20mm bend plastic black	
003455	20mm tee black plain ends	
005191	20mm plug blank nylon	

Cable glands

Fullwood pt#

097699	Cable gland 20mm thread for wire 4 to 7mm	
005750	Cable gland 20mm thread for wire 8 to 13mm	See image above

continuation of previous page

Fullwood pt#

094802 PG11 Cable Gland and nut for 5 to 10mm



096872 PG7 Cable Gland and nut for 3 to 6.5mm

See image above

096871 PG9 Cable Gland and nut for 4 to 8mm

See image above

094946 PG13.5 Cable Gland and nut for 6 to 12mm

See image above

Conduit Cement Solvent

Fullwood pt#

003442 Conduit cement solvent



Electrical Cable 1 core 1.5mm



Fullwood pt#

098758	Electrical cable 1 core 1.5mm tri-rated orange
005576	Electrical cable 1 core 1.5mm sq blue
005342	Electrical cable 1 core 1.5mm sq pink
005561	Electrical cable 1 core 1.5mm sq red
005343	Electrical cable 1 core 1.5mm sq violet
097953	Electrical cable 1 core 1.5mm sq white
005344	Electrical cable 1 core 1.5mm sq yellow

Electrical Cable 1 core 2.5mm



Fullwood pt#

097957	Electrical cable 1 core 2.5mm sq yellow
097943	Electrical cable 1 core 2.5mm sq solid black
097954	Electrical cable 1 core 2.5mm sq black
005582	Electrical cable 1 core 2.5mm sq blue
005583	Electrical cable 1 core 2.5mm sq brown
097945	Electrical cable 1 core 2.5mm sq green
005585	Electrical cable 1 core 2.5mm sq green/yellow
097955	Electrical cable 1 core 2.5mm sq pink
097956	Electrical cable 1 core 2.5mm sq red
097944	Electrical cable 1 core 2.5mm sq solid red

Electrical Cable 1 core 4mm



Fullwood pt#

094940	Electrical cable 1 core 4mm black
094898	Electrical cable 1 core 4mm green/yellow

Electrical Cable 2 core



Fullwood pt#

005239	Electrical cable 2 core 0.75mm sq white
094810	Electrical cable screened 2 x 0.5mm twisted
005228	Electrical cable 2 core 1mm sq white

Electrical Cable 3 core

Fullwood pt#

005360 Electrical cable 3 core 1.5mm sq white

Electrical Cable 4 core

Fullwood pt#

005581 Electrical cable 4 core 0.75mm 24/0.2mm black

005362 Electrical cable 4 core 0.5mm 16/0.2mm black



Electrical Cable 6 core

Fullwood pt#

005375 Electrical cable 6 core 16/0.2mm screened grey

079547 Electrical cable 6 core 16/0.2mm (0.5mm sq) unscreened black PVC sheath



Electrical Cable 8 core

Fullwood pt#

005367 Electrical cable 8core 16/0.2 mm screened

Electrical Cable 12 core

Fullwood pt#

005349 Electrical cable 12core 0.75 mm screened

085353 12 core screened cable for Borst backing gate wall controller

Inverter installation 3 core Electrical Cable



Electrical

Fullwood pt#

141240	Electrical cable 3 core 1.5mm screened 10mtr VOD
141241	Electrical cable 3 core 2.5mm screened 10mtr VOD
141242	Electrical cable 3 core 4.0mm screened 10mtr VOD
141243	Electrical cable 3 core 6.0mm screened 10mtr VOD
141244	Electrical cable 3 core 10.0mm screened 10mtr VOD
141245	Electrical cable 3 core 16.0mm screened 10mtr VOD

Terminal Block

Fullwood pt#

005105	Terminal block 12 way 5 amp
005103	Terminal block 12 way 15 amp
005107	Terminal block 12 way 20 amp
005128	Terminal block 12 way 30 amp
141281	Terminal block commoning 5 way wago type VOD



See image above

See image above

See image above



Ferrules

Fullwood pt#

094480	Ferrule 0.32mm sq turquoise
005163	Ferrule 0.5mm sq orange
005164	Ferrule 1.0mm sq yellow
005167	Ferrule 1.5mm sq red
005792	Crimp 1.5mm sq red pre insulated heat sealing splice 16-22 AWG
005162	Ferrule 2.5mm sq blue
094943	Ferrule 4mm orange
094942	Ferrule 6mm green OBSOLETE - LIMITED STOCK AVAILABLE



Ferrules Twin Bootlace

Fullwood pt#

094580	Twin Ferrule 0.75mm sq TE7508 grey
094853	Twin Bootlace Ferrule 1.5mm sq black
094809	Twin Bootlace Ferrule 2.5mm sq blue



Heat Shrink

Fullwood pt#

097964	Heat Shrink Tube Clear 4.8mm/2.4mm (1.2mtr length)
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Fullwood pt#

098291 Heat Shrink Tube Black adhesive lined 12.0mm/4.0mm (1.2mtr length)**005762** Heat shrink Tube Black adhesive lined 12.7mm/4.2mm (1.2mtr length)

See image above

005161 Heat Shrink Tube Black adhesive lined 9mm/2mm (1.2mtr length)

See image above

071662 Heat Shrink Tube Black adhesive lined 6mm/2mm (1.2mtr length)

See image above

098290 Heat Shrink Tube Black adhesive lined 3.2mm/1mm (1.2mtr length)

See image above

094852 Heat Shrink Tube Black 18mm/6mm (3mtr length)

See image above

193375 Heat Shrink Tube Black 1.6mm/0.8mm (1.2mtr length)

See image above

194989 Heat shrink Tube Red adhesive lined 9mm/3mm (1.2mtr length)

Ring Terminals

Fullwood pt#

043034 Ring Terminal M4 Non insulated 16-14AWG**193374** Ring Terminal M3.5 Non insulated 22-16AWG 0.5 to 1.5mm sq**079030** Ring Terminal 6mm Blue

Crimp Terminals

Fullwood pt#

094712 Terminals crimp type size 22-30 AWG**094697** Terminals Female crimp type size 18-24 AWG

Insulation tape

Fullwood pt#

005613 Black insulation tape 19mm x 33mtr

Fuse Glass Quick Blow / F Type 20x5mm



Fullwood pt#

033578	Fuse 250mA 20x5mm QB Glass
005726	Fuse 1a 20x5mm Q/B Glass
097698	Fuse 1.6a 20x5mm Q/B Glass
005584	Fuse 2a 20x5mm Q/B Glass spare for 070292 Controflow VSD
005518	Fuse 3a 20x5mm Q/B Glass OBSOLETE - LIMITED STOCK AVAILABLE
097860	Fuse 5a 20 x 5mm Q/B Glass

Fuse Glass Anti surge / T Type 20x5mm



Fullwood pt#

098749	Fuse Anti Surge 20x5mm 63mA
072422	Fuse Anti surge glass 20x5 250mA
097865	Fuse Anti surge 20x5 1.6A T
005805	Fuse Anti Surge 20x5 2.5A T15
097701	Fuse Anti surge glass 20x5 3.15A
094249	Fuse Anti Surge glass 20x5 5A
097702	Fuse Anti surge glass 20x5 6.3A T
072905	Fuse glass 20x5 T 10A

Fuse Glass Quick Blow / F Type 1 1/4"x1/4"



Fullwood pt#

042019	Fuse 3A Q/B Glass 1 1/4x1/4
005507	Fuse 5A Q/B Glass 1 1/4x1/4 OBSOLETE - LIMITED STOCK AVAILABLE
063748	Fuse 10A Q/B Glass 1 1/4x1/4
097632	Fuse 15A Q/B Glass 1 1/4x1/4

Fuse Glass Anti surge / T Type 1 1/4"x1/4"



Fullwood pt#

098799	Fuse glass Anti surge 3.15A 1 1/4"x1/4"
005759	Fuse glass Anti surge 6.3A 1 1/4"x1/4"

Fuse Ceramic Quick Blow / F Type 20x5mm



Fullwood pt#

094665	Fuse HRC Ceramic 20x5 2A F
094666	Fuse HRC Ceramic 20x5 4A F
094667	Fuse HRC Ceramic 20x5 5A F
094668	Fuse HRC Ceramic 20x5 8A F
094669	Fuse HRC Ceramic 20x5 10A F
094248	Fuse HBC Ceramic 20x5 10A F

Fuse Ceramic Anti Surge / T Type 20x5mm

Fullwood pt#

292093	Fuse 5x20mm 1AT ceramic
292094	Fuse 5x20mm 2AT ceramic
292095	Fuse 5x20mm 2.5AT ceramic
292096	Fuse 5x20mm 3.15AT ceramic
292097	Fuse 5x20mm 4AT ceramic
292098	Fuse 5x20mm 6AT ceramic

Fuse Ceramic Quick Blow / F Type 1"x1/4"

Fullwood pt#

005506	Fuse Ceramic 13a 240Vac 1"x1/4"Qb
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Fuse Ceramic Anti Surge / T Type 1 1/4"x1/4"

Fullwood pt#

292099	Fuse 6.3x32 10AT ceramic
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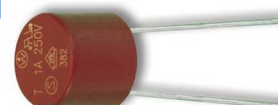
Fuse Euro Quick Blow / F Type



Fullwood pt#

095636	Fuse 100 mA TR5 Q/B
095637	Fuse 200mA TR5 Q/B
096897	Fuse 250mA Euro TR5 Q/B
005858	Fuse 3.15A Euro F

Fuse Euro Anti Surge / T Type



Fullwood pt#

095647	Fuse 100mA T TR5 Anti surge
095649	Fuse 200mA T TR5 Euro
095638	Fuse 500mA TR5 Anti surge
095806	Fuse 1A A/S TR5 Euro
095807	Fuse 1.6A TR5 Euro
095645	Fuse 2A T TR5 Euro
095625	Fuse 3.15A TR5 Euro Anti surge
097636	Fuse Euro 5A T

Toggle type Switch

Fullwood pt#

098798 Switch toggle type 3A 250Vac DPDT Double pole ON-ON**098789** Switch toggle type 3A 250Vac SPCO Single pole ON-ON**097548** Switch toggle type nylon 13a 250vlt**033521** Switch toggle 2.5a 250V ON/OFF**099035** Switch toggle IP40 SPDT ON-OFF-ON 20A 250Vac

continuation of previous page

Fullwood pt#

097615 Switch Toggle SPDT ON-ON 15A 250V metal lever**005761** Switch toggle type Double pole, MOM OFF MOM Metal Lever, solder lug/quick connect terminals**097550** Switch toggle type 10A DPCO Double pole, ON-ON Insulated lever, solder lug/quick connect terminals**098790** Switch toggle type Waterproof boot for toggle switches 098789 & 098798**063747** Switch toggle type Boot & Seal Washer for toggle switches 097548, 033521, 099035, 097615 & 005761**005565** Switch toggle type waterproof boot & seal washer OBSOLETE - LIMITED STOCK AVAILABLE

Push Button Switch

Fullwood pt#

- 005179** Push Button switch black, IP67, SP-NO/NC, Panel Mount, Momentary. For use on Keyfeed and Datafeed



- 033759** Switch Push button type Red for use on Dari-Man



- 033760** Switch Push button type Black for use on Dari-Man



Single Pole Switch

Fullwood pt#

- 099295** Bellows (Blue)



- 099294** Bellows (Green)



- 099291** Switch single pole type momentary for 099295 or 099294 bellows



- 099292** Switch single pole type gasket for 099291



- 099293** Clear Air Tube 60d/3id for 099295 or 099294 bellows



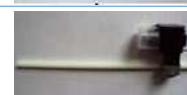
Vacuum Sensor Switch

Fullwood pt#

097670 Vacuum sensor switch

Limit Switches

Fullwood pt#

007246 Limit switch & rod striker**005382** Limit switch body for 005437 and others**005519** Head and spring for 005382 body**005437** Limit switch kit comprising 005382 body & 005519 head & spring**005725** Limit switch (ring pull) type for 005382 body**068721** Rod striker for switch for 005382 body**005415** Limit switch & roller lever**094535** Gate switch WL-NJ-G

Bridge Rectifier

Fullwood pt#

096138 Bridge Rectifier 25Amp 400V 4-pin
For use on Quadro puls and dosing pumps



096135 Bridge Rectifier 10amp
For use on Speed Feed PSU



096137 Bridge Rectifier 25Amp
For use on Augermaster



Animal Health



Cow Brush & Spares

Fullwood pt#

013190 Auto Pendular Cow Brush assembly**013246** Auto Pendular Cow Brush - spare Brush only Blue**093370** Auto Pendular Cow Brush PCB**013247** Auto Pendular Cow Brush Motion Sensor**013245** Auto Pendular Cow Brush Gearbox & Motor**013248** Cow Brush Limit Switch**013345** 7 Wire Connection Cable 2mtr**013346** 7 Wire Connection Cable 10mtr**013347** Set Support Bearing Unit

Mobile Milking Units

Fullwood pt#

046112 Mobile Milker complete for cows with Clearflow cluster, tubing & pulsator



046020 Mobile Milker single unit with pulsator less cluster & tubing.



046025 Mobile milker bare unit less cluster, tubing, bucket, vacuum guage, pulsator & adaptor



Mobile Milking Unit Accessories

Fullwood pt#

046006 Mobile Milker Tubing Kit complete Single Milker Cows & Buffalo

046007 Mobile Milker Tubing Kit complete Single Milker Goat & Sheep

046008 Mobile Milker Tubing Kit complete Double Milker Cows & Buffalo

046009 Mobile Milker Tubing Kit complete Double Milker Goat & Sheep

011947 Clearflow QX Cluster SL2CTF WT liner Kit with shut off Complete stainless steel shells 320g, 12mm nipples. Comprising 4 x 020138, 4 x 020009, 4 x 022115, 1 x 021756



011857 Sheep Cluster Kit - Chamber Type (020190 liner) comprising 1 x 021179 claw, 2 x 020190 liner, 2 x 020191 shell, 2 x 020192 shell chamber, 2 x 020193 spring clip. Does not include shut off 021194 (2 required) or connecting brace 021199 (1 required)



011819 Goat Cluster Kit - Chamber Type (020238 liner). Comprising 1 x 021179, 2 x 020238, 2 x 020237, 2 x 020192, 2 x 020239, 2 x 020245



021194 Cluster shut off valve Goat / Sheep (2 per cluster required) (Diagram Item 10). Requires 1 x 021199 connecting brace



021199 Connecting brace for shut off valve 021194 Sheep & Goat Cluster



Mobile Milking Unit Spares

Fullwood pt#

046013 Mobile Milker vacuum pump for single unit 1ph 0.55kw 170ltr per min



046018 Mobile Milker vacuum pump for double unit 1ph 0.55Kw 220ltr per min OBSOLETE - LIMITED STOCK AVAILABLE

See image above

046015 Mobile Milker single unit vacuum pump rotor vane for 170ltr per min pump. Sold as each

046016 Mobile Milker double unit vacuum pump rotor vane for 220ltr per min pump. Sold as each

046099 Stainless steel lid complete with Fullpuls III pulsator & adaptor



045102 Mobile Milker vacuum regulator spring loaded



045012 Mobile Milker vacuum gauge 63mm



042842 Fullpuls Mounting adaptor 23mm



Milking Buckets Eco Type

Fullwood pt#

- 118016** Milking Bucket 30ltr Eco type complete with Fullpuls III 60/40 pulsator, cluster & tubing. Kit contains 1x073125 bucket, 1x046019 SS lid, 1x042881 60/40 pulsator, 1x070294 adaptor, 1x070295 nut, 1x073114 gasket, 1x046006 tube kit, 1x011947



- 118017** Milking Bucket 30ltr Eco type complete with Fullpuls III 60/40 pulsator & adaptor only. Kit contains 1x073125 eco bucket, 1x046019 SS lid, 1x042881 60/40 pulsator, 1x070294 adaptor, 1x070295 nut, 1x073114 gasket



- 118018** Milking Bucket 30ltr Eco type complete with pulsator adaptor only. Kit contains 1x073125 eco bucket, 1x046019 SS lid, 1x070294 adaptor, 1x070295 nut, 1x073114 gasket



- 118019** Milking Bucket 30ltr Eco type complete with stainless steel lid 2 nipples only. Kit contains 1x073125 eco bucket, 1x073130 SS lid, 1x073114 gasket



- 073125** Milking Bucket 30ltr only Eco type



Milking Buckets Clear Type

Fullwood pt#

- 118010** Milking Bucket 30ltr Clear type complete with stainless steel lid FullpulsIII 60/40 pulsator, cluster & tubing. Kit contains 1x073132 bucket, 1x046019 SS lid, 1x042881 60/40 pulsator, 1x070294 adaptor, 1x070295 nut, 1x073114 gasket, 1x046006 tube kit, 1x011947



- 118011** Milking Bucket 30ltr Clear type complete with libero lid Fullpuls III 60/40 pulsator, cluster & tubing. Kit contains 1x073132 bucket, 1x073116 libero lid, 1x073117 lid gasket, 1x042881 60/40 pulsator, 1x046006 tubing kit, 1x011947 C/flw QX cluster kit



- 118012** Milking Bucket 30ltr Clear type complete with stainless steel lid Fullpuls III 60/40 pulsator & adaptor only. Kit contains 1x073132 bucket, 1x046019 SS lid, 1x042881 60/40 pulsator, 1x070294 adaptor, 1x070295 nut, 1x073114 lid gasket OBSOLETE - LIMITED STOCK



- 118014** Milking Bucket 30ltr clear type complete with stainless steel lid 2 nipples only. Kit contains 1 x 073132 30ltr clear bucket with handle, 1 x 073130 SS lid, 1 x 073114 lid gasket



- 118015** Milking Bucket 30ltr clear type complete with plastic lid & adaptor. Kit contains 1x073132 30ltr clear bucket with handle, 1x073116 libero lid, 1x073117 lid gasket, 1x073118 lid blanking adaptor nipple



continuation of previous page

Fullwood pt#

- 011800** Milking Bucket 30ltr Clear type libero with Fullpuls III 65/35 pulsator & blanking plug only. Kit contains 1x073132 30ltr clear bucket with handle, 1x073116 libero lid, 1x073117 lid gasket, 1x042880 65/35 pulsator, 1x073119 blank plug, 1x042883 slide kit



- 011799** Milking Bucket 30ltr Clear including libero lid & blanking plug. Kit contains 1x073132 30ltr clear bucket with handle, 1x073116 libero lid, 1x073117 lid gasket, 1x073119 blanking plug



- 073134** Milking Bucket Clear 30ltr including libero lid only. Kit contains 1x073132 30ltr clear bucket with handle, 1x073116 libero lid, 1x073117 lid gasket



- 073132** Milking Bucket 30ltr only clear type



Milking Bucket Accessories

Fullwood pt#

- 046019** Milking Bucket Stainless steel lid for pulsator



continuation of previous page

Fullwood pt#

073130 Milking Bucket Stainless steel lid with 2 stainless nipples only (gasket not supplied with lid)



073114 Milking Bucket Stainless steel lid gasket for 046019/073130



073116 Milking Bucket lid Libero type for clear buckets 14mm



073123 Milking Bucket lid Libero type for clear buckets 16mm milk inlet

073117 Milking Bucket gasket for Libero type lid



073118 Pulsation bypass adaptor 14mm for Libero Lid 073116



073119 Pulsation bypass adaptor Blanking Plug 15.5-17.1odx8.5h for 073116 Libero lid



046099 Stainless steel lid complete with Fullpuls III pulsator & adaptor



070294 Pulsator Adaptor for stainless steel lid 046019



070295 Pulsator handwheel nut for use with stainless steel lid 046019



continuation of previous page

Fullwood pt#

073126 Milking Bucket replacement handle side lugs for Eco bucket



073135 Milking Bucket Handle 143mm



073129 Milking bucket bottom part only



Milking Bucket Pulsator Spares

Fullwood pt#

042881 Fullpuls III pulsator 60/40 (L02)



042882 Fullpuls III pulsator 50/50 (L02)

See image above

042880 Fullpuls III pulsator 65/35 (L02)

See image above

042850 Fullpuls II pulsator 60/40 (LL90)



042851 Fullpuls II pulsator 50/50 (LL90)



042853 Fullpuls II pulsator 65/35 (LL90)

See image above

042846 Fullpuls III pulsator 60/40 (L02) Maintenance kit



042847 Fullpuls III pulsator 50/50 (L02) Maintenance kit

See image above

042848 Fullpuls III pulsator 65/35 (L02) Maintenance kit

See image above

continuation of previous page

Fullwood pt#

042843 Fullpuls II pulsator 60/40 (LL90) Maintenance kit



042844 Fullpuls II pulsator 50/50 (LL90) Maintenance kit

See image above

042845 Fullpuls II pulsator 65/30 (LL90) Maintenance kit

See image above

042883 Fullpuls II pulsator slide kit including 60/40 - 65/30 - 50/50 slides



042862 Fullpuls II (LL90) pulsator replacement filter

Parlour Fan

Fullwood pt#

040305 Multi Fan Including hanging & power kit**040308** Multi Fan variable speed control**040307** Multi Fan water misting kit

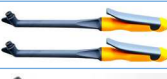
Teat Sprayer

Fullwood pt#

015030 Teat Sprayer Jetstream system with 3 classic lever guns**015020** Teat Sprayer Classic system with 3 classic lever guns

Teat Sprayer Spares

Fullwood pt#

015090 Jetstream power unit only - blue**015027** Classic Teat Sprayer 1 point extension kit**015021** Classic Teat Sprayer Gun Blue with 16mm stainless steel lance and plastic adjustable spray nozzle**015117** Classic Teat Sprayer Gun Blue with 16mm stainless steel lance and plastic adjustable spray nozzle (Pack of 2)**015118** Classic Teat Sprayer Gun Yellow with 16mm stainless steel lance and plastic adjustable spray nozzle (Pack of 2)**015112** EasySpray Lever operated spray gun Blue with 17cm plastic lance and plastic solid cone nozzle**015115** EasySpray Lever operated spray gun Blue with 17cm plastic lance and plastic solid cone nozzle (Pack of 2)**015114** EasySpray Lever operated spray gun Yellow with 17cm plastic lance and plastic solid cone nozzle**015116** EasySpray Lever operated spray gun Yellow with 17cm plastic lance and plastic solid cone nozzle (Pack of 2)**015037** Classic Teat Sprayer gun replacement standard SS 16mm lance**015033** Trigger Valve service kit Blue for Classic & EasySpray Teat Sprayer lever style spray gun**015036** Plastic lever for Classic & EasySpray Teat Sprayer gun**015028** Adjustable nozzle for Classic Teat Sprayer gun (single)

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Fullwood pt#		
015035	Adjustable nozzle for Classic Teat Sprayer gun (pack of 5)	
015034	Straight connector for all Ambic Teat Spray guns	
015081	Diaphragm Pump complete for standard Jetstream Teat Sprayer	
015031	Diaphragm pump complete for Viton Jetstream Teat Sprayer	
015022	Teat Sprayer retractable coil blue	
015038	Teat Sprayer line coil repair kit	
015023	Teat Sprayer T connector & nuts	
015024	Teat Sprayer straight connector Pk of 2 & 4 nuts	
015025	Teat Sprayer connector nuts pk of 6	
015026	Teat Sprayer flexible delivery tubing 6 mtrs	
015039	Teat Sprayer flexible delivery tubing 30 mtrs	See image above
015040	Teat Sprayer line blanking plug	
015032	Teat Sprayer Valve Service Kit	
015082	Teat Sprayer directional valve	
015105	Directional valve spring	
015106	Directional valve diaphragm assembly	

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Fullwood pt#

015107 Directional valve primary filter - pack of 3**015085** Relief Valve Service Kit**004780** Footvalve (NON RETURN)**015087** Teat Sprayer liquid intake filter**015108** Diaphragm pump inlet valve (Pack of 2)**015109** Diaphragm pump outlet valve (Pack of 2)**015110** Small pump diaphragm

Spray Bottles

Fullwood pt#

015079 Spray bottle with short stainless steel nozzle blue 600ml bottle

continuation of previous page

Fullwood pt#

015088 Spray bottle only spare 600ml

Animal Health

Teat Dip System

Fullwood pt#

155552 Teat Dip System complete with 3 guns**155553** Teat Dip System 1 point extension kit

Teat Dip Cups

Fullwood pt#

015046 Dip Cup Standard Blue

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Fullwood pt#

015045 Dip Cup Non return type blue**015048** Dip Cup Multi Foamer blue**015047** Dip Cup Twin Dipper for barrier dips blue**015049** Dipmizer cup brush single**015050** Dipmizer cup brush - Pack of 3

See image above

015089 Dipmizer brush only - pack of 5**015086** Dip Cup bottle only (printed)

Udderwash Gun

Fullwood pt#

015075 Udderwash Gun standard lance blue**056793** Udder washing spray

Cow Positioner

Fullwood pt#

188968 Cow positioner for Rotary Parlours**188991** Cow positioner for Rotary Parlours mat fixing

Milk Sampler

Fullwood pt#

133807 Sampling device in line for Cows**168169** Sampling device in line for Goats**015084** Milk Sampler service kit including 1 x sealing cap, 1 x bottle enclosure, 1 x bottle collar, 2 x O-rings**015091** Milk Sampler bottle adaptor assembly**015092** Milk Sampler bottle collar

FlowFilter Milk Filter

Fullwood pt#

015080 FlowFilter Complete MKII with rubber connections

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Fullwood pt#

015067 FlowFilter pair of filters**015068** FlowFilter Inner filter only**015069** FlowFilter Inner outer only**015066** FlowFilter "O Ring kit"**015073** FlowFilter installation kit

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Fullwood pt#

015071 FlowFilter easy fit bottom seal**015070** FlowFilter outer case only**015083** Connector unit for FlowFilter - Rubber connector version

Mastitis Detector

Fullwood pt#

015056 Mastitis Detector Inline 16mm Pk 4**015055** Mastitis Detector Inline 16mm each**015059** Mastitis Detector Inline screen only 16mm Pack of 2**015057** Mastitis Detector Inline Plastic body 16mm**015058** Mastitis Detector Inline O ring 16mm Pack of 6

Quarter Milk Isolator

Fullwood pt#

015102 Quarter milk isolator with 1/2" stainless steel elbow - 7.5ltr capacity

Strip Cup

Fullwood pt#

015103 Strip cup

Peraspray cluster spraying

Fullwood pt#

015100 Peraspray complete with 3 applicators



015101 Peraspray power unit



015093 Peraspray applicator



015097 Peraspray extension kit with one applicator



015095 Peraspray coil



015096 Peraspray nozzle 'o' rings - pack of 10



015098 Peraspray solid cone nozzle



015099 Nozzle and shield assembly



015094 Peraspray diaphragm pump



015104 Control valve EPDM suitable for Peracetic acid



015111 Peraspray applicator connector



Volume Wash Gun

Fullwood pt#

013142 Volume wash gun brass 25mm hosetail



013143 Volume wash gun brass 20mm hosetail

See image above

013145 Volume wash gun barbed hose tail & O ring 25 mm

013146 Volume wash gun barbed hose tail & O ring 20 mm

015076 Volume wash gun barbed hose tail & O ring 32 mm

015077 Volume wash gun barbed hose tail & O ring 40 mm

013144 Volume wash gun brass body only



015078 Volume wash brass gun repair kit

Heavy Duty Jet Gun

Fullwood pt#

013070 Heavy Duty Jet gun with metal hosetail for 16-19mm hose



Milking Apron

Fullwood pt#

013018 Apron Blue Fullwood Branded Washable



Low Level Chemical Alarm

Fullwood pt#

133999 Chemical alarm low level for 10 chemicals



134005 Chemical low level alert system for 6 chemicals

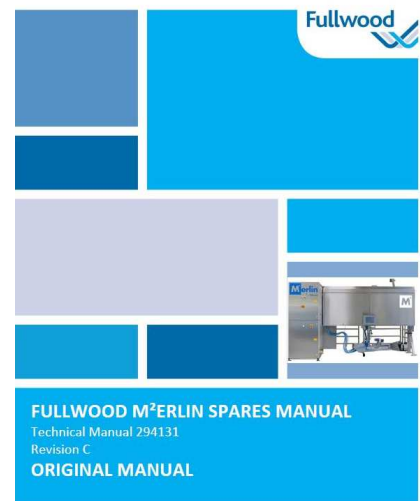
133998 Chemical low level probe 200 ltr & IBC



134004 Chemical low level probe 20-25ltr drum

134006 Chemical low level probe 5-10ltr drum

Robotic Milking



Product info : M²erlin Service Kit Summary - MTB124

- M²erlin requires four equally spaced services per year.
- All services are to be carried out by suitably trained Technicians.
- Note: Part number 294012 (Service 1 Year 1) is a smaller service than the corresponding services in subsequent years and has a reduced kit of parts
- The parts that do not require servicing in this first service in the first year are indicated with X* in the Service Schedule.
- The Service Schedule is available on the Fullwood website in the following location:-

M2 Service Schedule.pdf

Summary of Services:

Year	1	2	3	4
Service 1 Year 1	294012	--	--	--
Service 1 Years 2,3,4..etc	--	294016	294016	294016
Service 2	294017	294017	294017	294017
Service 3	294018	294018	294018	294018
Service 4	294019	294019	294019	294019

M²erlin Service Kits

Fullwood pt#

294012	M²erlin Interim Service Kit (Interim service after 3 months: Year 1 only) Comprising the following:- 1 x 007715, 1 x 292200, 2 x 007310, 1 x 107487, 4 x 007663, 4 x 007670, 1 x 133576, 4 x 194705
294016	M²erlin Service Kit 1 (Year 2,3,4,...etc) Comprising the following:- 1 x 007715, 1 x 292200, 2 x 007310, 1 x 107487, 20m x 030312, 2.5m x 030343, 2.2m x 030341, 1 x 292034, 4 x 007663, 4 x 007670, 1 x 133576, 4 x 194705
294017	M²erlin Service Kit 2 (Year 1,2,3,...etc) Comprising the following:- 1 x 007715, 0.6m x 007716, 1 x 042979, 1 x 292200, 2 x 007310, 1 x 107487, 4 x 007663, 4 x 007670, 1 x 142990, 1 x 133576, 8mtr x 292227, 4 x 194705, 1 x 291223

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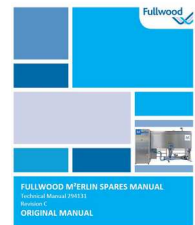
Fullwood pt#

294018	M²erlin Service Kit 3 (Year 1,2,3,...etc) Comprising the following:- 1 x 007715, 1 x 292200, 2 x 007310, 1 x 107487, 4 x 007663, 4 x 007670, 1 x 133560, 1 x 042979, 4 x 194705
294019	M²erlin Service Kit 4 1x 007715,0.6mx 007716,1x 042979,1x 292200,2x 007310,1x 107487,4x 194705,1x 042926,1x 045277,4x 007663,4x 007670,4x 092447,4x 092259,1x142990,1x 291152,8x292227,3x091052,1x133576,1x193479,4x092898,4x094202,1x291223,4x194178

M²erlin Spares Manual

Fullwood pt#

294131	M²erlin Spares Manual
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M² V2 Critical Spares Package

Fullwood pt#

295216 M² V2 Critical Spares Package
291201 552791 CRDSNU-32-250-PPS-A Cyl



292214 M2 ACR cyl ss 25/200
293710 32-250 Gate Cylinder



293711 50-300 Gate Cylinder



291579 50-250 Gate Cylinder



291468 20-150 Cylinder Inc Pivot



295069 32mm Cyl Rod Adaptor



291220 Flanged Bush (GFM-1618-21)

292227 4mm ACR Rope (per mtr)

292228 4mm ACR Rope (2mt Long)

291202 GRLA-1/8-QS-4-D Flow Cntl Vlv



291245 Horizontal Belt

291246 Vertical Belts (2off)

292215 Belt Tension meter



292006 Servo motor - Vertical

292005 Servo motor - Horizontal

292004 Servo motor - Rotate

291241 Vertical Gearbox

291993 Cartesian Rot G/Box Retro Kit

291240 Horizontal Gearbox

291247 Rotational Bearing Kit

291243 Centric Roller Kit (2off)

291244 Eccentric Roller Kit (2off)

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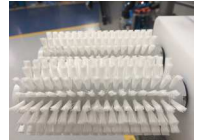
Fullwood pt#

194274 Pressure Switch(PX7009)**195182** Vacuum Sensor Tool**061810** Mk2 24vDC Motor Assy**293157** Mlk Detec Vlv HFSO-1230mm Cble**194705** V2 Spare Diaphragm for HFSO**092447** Jetter Cup**296028** Window 10 HMI 12"**292120** 6 way Connector - HMI M2**291801** Programmed 3D Camera**094628** Reflective Photo Sensor**293042** 1/2"BSP Level Sensor M12

continuation of previous page

Fullwood pt#

293088 M2 Milk Pump inc Vlv
291215 Teat Roll Mtr/G-Box-3mt Cable
291226 Brush (Half Bristle)



291046 Teat Roller Nozzle Fixing Assy



007773 Spray Nozzle



195218 TDS (modified)
193673 Nozzle for Laser
292007 M2 servo cable 8.5m orange
292008 M2 encoder cable 8.5m grey
007837 1/8"-6mm Swivel Elbow ***



007769 1/8"-6mm Push In Elbow ***>



007739 1/8"-6mm SS straight Connctor>
007733 1/8"BSP-6mm SS Male StudElbow>



007871 1/8"x4mm SS Male Elbow ***>



107486 1-Way Cntl Valve GRLA-1/4



107789 GRLA-1/8-QS-6-D Flow Ctl Vlv



007734 1/8"BSPT-8mm SS Swivel Elbow>



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Fullwood pt#

107710	QSML-M5-6 Elbow	
193749	Rejection Manifold Gasket	
195312	LH Mfld Body(M/C) Polysulfone	
107685	Pre Milk Cylinder	
194179	Flexible Collection Manifold	
092898	11mm Polypropylene Ball	
194178	Clip-Ball Retainer	
292059	4way Vamp conn 0.75mm	
091958	C'sk Fabric Cover Retaing Ring	
291807	16x18x9 Poly Flange Bush	
291544	M8x1.25 SS Rod Eye	
194778	E-Type Clip 8id	
001589	16mm SS "R" Clip (459)	
000462	M8x16 Socket Csk SS S/Screw	
001596	M16 Nylon Washer Form B	
001610	M10 Nylon Washer	
291218	M10x1.25pitch SS Locknut	

continuation of previous page

Fullwood pt#

001595 M16 SS Washer Form B



003335 1" Tri-Clover Clamp Seal EPDM



003721 2" Tri-Clover Clamp Seal EPDM

293092 DN15 Diaphragm Valve 1/8-8

195011 DN15 Seal

195010 DN15 Clamp

193283 12mm Gasket



193284 12mm Clamp



195135 Short Diaphragm Valve Assy

293093 DN10 Vlv Stem Seal for 293082

293091 DN15 Vlv Stem Seal for 293081

293080 1/2"BSP SS Non-Return Valve

133517 Milk Meter Valve



133546 Milk Meter Solenoid Valve including 10mtr cable



133770 Fullwood LM1 Body Assembly 3.5m cable

133539 Afiflo 2000 Cntl PCB



193641 Air Driven Pump (20LPM 6.9BAR)



continuation of previous page

Fullwood pt#

007713 Peristaltic Pump 24v dc 175rpm - large**007710** Pmp-M50SA 024DC176R 2R 048NP**079464** 24v 51rpm Peristaltic Pump**007779** Pump Front Cover**007781** Housing (Screw On)**007716** Peristaltic pump autoprene tube 8mm**079462** 3.2mm Spare Viton Tube**007715** Peristaltic pump tube 4.8mm**007777** Rotor/Roller Assy**007782** Rotor For Autoprene**007778** Pump Housing

continuation of previous page

Fullwood pt#

004780 Footvalve (NON RETURN)



194991 MK2 4QC Flow Cell

099864 Crysta Lab Level Tool

292042 12x4mm Quick Connect

292043 12x6mm Quick Connect

292053 Harting Female ethernet



292050 Harting Female 8 way 2.5mm

030341 Tube 9.1nb/20mt/18 od Rbr

292052 Harting Female 8 way 1.5mm

292051 Harting Female 5 way

292054 Harting frame for 292055

292055 Harting cover M40

292056 M40 flex adaptor



292125 Black Pushbutton IP65

292126 Red Pushbutton IP65

292123 Trigger Action 40mm Turn

292129 LED Lamp Body 230vAC White

107722 CAN Bus Node CPX-FB14



292060 Can adaptor for Festo CPX

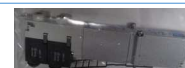
292061 Can wiring plug for Festo CPX

292014 8 I/O digital module

292012 K 14 slice for MPA-L

292013 M slice for MPA-L

292011 K 10 Slice for MPA-L



292045 CPX PLC module programmed

292009 Air Prep Assy m2

107695 Shut off Valve 10mm

030343 Tube 13.5/20mt/23.8 od Rbr

107482 Shut Off Valve(HE-3-QS-8)

094489 PT Fuse Plug 12-30 Vdc

094258 24DC Relay HC

continuation of previous page

Fullwood pt#

094456 Relay REL-MR-24DC/21**292025** 8port Ethernet Switch(Din RI)**111014** FwCC PCB Excl RF Unit UCC2**133534** Ideal PCB + Display(Fullwood)**193123** 4QC Top&Bottom PCB f191c/f192d**292063** M2 mains filter 25A 1Ph**094103** PT Fuse Plug 100-250Vac**292093** Fuse 5x20mm 1AT ceramic**292065** M2 RCD 25/0.1 1Ph**292069** M2 shunt trip 1Ph**292071** M2 breaker C10 2 pole**292073** M2 breaker C50 1Ph (CB5)**292075** M2 isolator switch 25A 1Ph**097200** 24v DC Trio PSU 20amp**292095** Fuse 5x20mm 2.5AT ceramic**094104** PT Fuse Plug 30-60Vac**292096** Fuse 5x20mm 3.15AT ceramic**292077** M2 OUVN 1Ph**292082** M2 contactor (C1, C2)**292087** M2 inverter 1Ph (programmed)**292099** Fuse 6.3x32 10AT ceramic**292094** Fuse 5x20mm 2AT ceramic**292088** M2 timer relay**292089** M2 safety relay**292090** M2 relay base 4 pole**292091** M2 relay 24Vdc 4 pole**292092** M2 relay protection diode**292083** M2 contactor aux (C2)**292062** M2 mains filter 16A 3Ph**292098** Fuse 5x20mm 6AT ceramic**292064** M2 RCD 40/0.1 3Ph**292066** M2 RCBO C16 3Ph**292068** M2 shunt trip 3Ph**292070** M2 breaker C10 3Ph (CB1)**292074** M2 isolator switch 25A 3Ph**292076** M2 UOVN 3Ph

continuation of previous page

Fullwood pt#

292085 M2 inverter 3Ph (programmed)

034623 FC PS10 /CV Pulsator(less QM)



030333 Sil Tube 19nb/10mt/31.8 od Rbr



030329 Sil Tube 13.5nb/20mt/23.8 od

See image above

030312 Sil Tube 12nb/20mt/21od

See image above

030328 Sil Tube 9.1nb/20mt/18 od Rbr

See image above

107406 10mm Blue PUNH Tube>



107405 8mm od(Blue)PUN-H Tube

See image above

107757 6mm Blue PUNH Tube(500mtReel)

See image above

107403 4mm Blue Tube PUN-H (20m)

See image above

291469 16id Poly self centre bearing



292212 M2 surge arrestor N cartridge

292213 M2 surge arrestor L cartridge

293149 1/8"BSP Sol Vlv(2.0) SS 24vDC

291490 Cylinder Axle S/Assy

292145 2A Servo Drive (Programmed)

292146 5A Servo Drive (Programmed)

295068 Gate Bush

293196 DN20 Tri-Clover Clamp

293197 DN20 Tri-Clover Seal (EPDM)

MK4 Merlin requires four equally spaced services per year using service kits as follows

MK4 Merlin Service Kits

Fullwood pt#

194690	Merlin Service 1 kit Comprising of the following parts:- 4x92264, 1x292200, 4x194705, 1x007715, 4x092447
194691	Merlin Service 2 kit Comprising of the following parts :- 1x007715, 1x045277, 1x292200, 0.6mtr x 007716, 4x194705
194692	Merlin Service 3 kit Comprising of the following parts:- 1x045277, 1x292200, 8x193401, 4x094030, 2x194799, 1x007715, 4x194705
194693	Merlin Service 4 kit Comprising of the following parts:- 1x007715, 20mtr x030312, 20mtr x030328, 1x292200, 1x045263, 1x133560, 2x042979, 0.6mtr x007716, 1x115337, 1x191018, 4x194705

MK4 Merlin Spares Manual

Fullwood pt#

006930	MK4 Merlin Spares Manual
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Cooling



Plate Coolers Single Stage



Fullwood pt#

074200	GL-008 Plate cooler single stage 16 plate 1200l/h stainless ends 1" water in /out 32mm milk in/out
074201	GL-008 Plate cooler single stage 22 plate 1800l/h stainless ends 1" water in /out 32mm milk in/out
074210	GL-008 Plate cooler single stage 26 plate 2400l/h stainless ends 1" water in /out 32mm milk in/out
074202	GL-008 Plate cooler single stage 36 plate 3000l/h stainless ends 1" water in /out 32mm milk in/out
074203	GL-008 Plate cooler single stage 54 plate 4500l/h stainless ends 1.25" water in/out 40mm milk in/out
074204	GL-008 Plate cooler single stage 68 plate 5700 l/h stainless ends 1.25" water in /out 40mm milk in/out
074480	Plate cooler single stage 60 Extended plate 10000l/h Blue painted ends 2" water in /out 40mm milk in/out

Plate Coolers Two Stage

Fullwood pt#

074205	GL-008 Plate cooler two stage 28 plate (16/12) 1200l/h stainless ends 1" water in /out 32mm milk in/out
074206	GL-008 Plate cooler two stage 40 plate (22/18) 1800l/h stainless ends 1" water in /out 32mm milk in/out
074207	GL-008 Plate cooler two stage 62 plate (36/26) 3000l/h stainless ends 1" water in /out 32mm milk in/out
074208	GL-008 Plate cooler two stage 92 plate (54/38) 4500l/h stainless ends 1.25" water in/out 40mm milk in/out
074209	GL-008 Plate cooler two stage 118 plate (68/50) 5700l/h stainless ends 1.25" water in/out 40 mm milk in/out
074481	Plate cooler two stage 80 Extended plate 10000l/h (44/36) Blue painted ends R2 2"BSP taper threaded water connections in /out, R2 RJT Male thread 50mm milk connections in/out

GL-008 Plate Cooler Components

GL-008 Single Stage Plate Cooler

Plate cooler	Quantity of each part per plate cooler			
	074222 Flow plate	074217 End plate	074216 Gasket	074215 Gasket
074200 1200l/h	15	1	4	15
074201 1800l/h	21	1	4	21
074210 2400l/h	25	1	4	25
074202 3000l/h	35	1	4	35
074203 4500l/h	53	1	4	53
074204 5700l/h	67	1	4	67

GL-008 Two Stage Plate Cooler

Plate cooler	Quantity of each part per plate cooler							
	074222 Flow plate	074223 Flow plate	074219 End plate	074218 End plate	074220 End plate	074221 End plate	074216 Gasket	074215 Gasket
074205 1200l/h	24	0	1	1	1	1	4	24
074206 1800l/h	28	8	1	1	1	1	4	36
074207 3000l/h	46	12	1	1	1	1	4	58
074208 4500l/h	70	18	1	1	1	1	4	88
074209 5700l/h	90	24	1	1	1	1	4	114

GL-008 Single Stage Plate Cooler Spares

Fullwood pt#

074222 GL-008 Flow plate high Theta for single stage cooler and two stage cooler

continuation of previous page

Fullwood pt#

074217	GL-008 End plate for single stage cooler	
074216	GL-008 End plate gasket for single stage cooler and two stage cooler	
074215	GL-008 Flow plate gasket for single stage cooler and two stage cooler	

GL-008 Two Stage Plate Cooler Spares

Fullwood pt#

074222	GL-008 Flow plate high Theta for single stage cooler and two stage cooler	
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074223	GL-008 Flow plate low Theta for two stage cooler	
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074219	GL-008 Mains water end plate IN for two stage cooler	
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Fullwood pt#

074218	GL-008 Mains water end plate OUT for two stage cooler	
074220	GL-008 Ice water end plate IN for two stage cooler	
074221	GL-008 Ice water end plate OUT for two stage cooler	
074216	GL-008 End plate gasket for single stage cooler and two stage cooler	
074215	GL-008 Flow plate gasket for single stage cooler and two stage cooler	

GC-016 10000ltr Single Stage Plate Cooler Spares

Fullwood pt#

074228	GC-016 End plate IN for single stage cooler including glued gasket (1 per cooler)
074241	GC-016 Flow plate high Theta right for single stage cooler (24 per cooler) and two stage cooler (20 first stage, 17 second stage per cooler) including glued gasket
074240	GC-016 Flow plate low Theta left for single stage cooler (29 per cooler) and two stage cooler (20 first stage, 14 second stage per cooler) including glued gasket
074242	GC-016 Flow plate low Theta right for single stage cooler including glued gasket (5 per cooler)
074229	GC-016 End plate OUT for single stage cooler including glued gasket (1 per cooler)

GC-016 10000ltr Two Stage Plate Cooler Spares

Fullwood pt#

074230	GC-016 End plate IN for first stage of two stage cooler including glued gasket (1 per cooler)
074240	GC-016 Flow plate low Theta left for single stage cooler (29 per cooler) and two stage cooler (20 first stage, 14 second stage per cooler) including glued gasket
074241	GC-016 Flow plate high Theta right for single stage cooler (24 per cooler) and two stage cooler (20 first stage, 17 second stage per cooler) including glued gasket
074233	GC-016 End plate OUT for first stage of two stage cooler including glued gasket (1 per cooler)
074234	GC-016 End plate IN for second stage of two stage cooler including glued gasket (1 per cooler)
074231	GC-016 Flow plate high Theta for second stage (left) of two stage cooler including glued gasket (3 per cooler)
074232	GC-016 End plate OUT for second stage of two stage cooler including glued gasket (1 per cooler)

GC-028 Single Stage Plate Cooler Spares

Fullwood pt#

074455	GC-028 End plate IN single stage cooler including glued gasket OBSOLETE - LIMITED STOCK AVAILABLE
074478	GC-028 Flow plate high Theta for single stage cooler and first & second stage (right) of two stage cooler including glued gasket OBSOLETE - LIMITED STOCK AVAILABLE

GC-028 Two Stage Plate Cooler Spares

Fullwood pt#

074478	GC-028 Flow plate high Theta for single stage cooler and first & second stage (right) of two stage cooler including glued gasket OBSOLETE - LIMITED STOCK AVAILABLE
074454	GC-028 Flow plate low Theta for second stage (left) of two stage cooler including glued gasket OBSOLETE - LIMITED STOCK AVAILABLE
074479	GC-028 Gasket for end plate only OBSOLETE - LIMITED STOCK AVAILABLE

Plate Cooler Spares

Fullwood pt#

052254 Water Solenoid Valve 1" Brass



052242 Water Solenoid Valve 1 1/4" Brass

See image above

052286 Diaphragm round (CEME type) for 1" Brass water solenoid valve 052254



052289 Diaphragm 80mm for 1 1/4" Brass water solenoid valve 052242 - newer type 131mm between ports

See image above

052287 Spare Coil for 1" Brass water solenoid valve 052254 & 1 1/4" Brass water solenoid valve 052242



Fullwood Water Heaters

Fullwood Water Heaters Direct Unvented including Titanium immersion heaters

Please note these are not suitable for use with M²erlin installations or boiling water systems.

Immersion for water temperature of 75 deg C



Cooling

Water Heaters inc Titanium immersion heaters

Fullwood pt#

055943	Water Heater Direct Unvented 90 ltrs kit including cold water inlet, expansion vessel & tundish, supplied with 1 x 3kW titanium element and 75 deg C thermostat. Height 720mm, Diameter 545mm. Weight 21kg empty, 111kg full.
055944	Water Heater Direct Unvented 120 ltrs kit including cold water inlet, expansion vessel & tundish, supplied with 1 x 3kW titanium element and 75 deg C thermostat. Height 900mm, Diameter 545mm. Weight 26kg empty, 146kg full.
055945	Water Heater Direct Unvented 180 ltrs kit including cold water inlet, expansion vessel & tundish, supplied with 1 x 3kW titanium element and 75 deg C thermostat. Height 1280mm, Diameter 545mm. Weight 38kg empty, 218kg full.
055946	Water Heater Direct Unvented 250 ltrs kit including cold water inlet, expansion vessel & tundish, supplied with 1 x 3kW titanium element and 75 deg C thermostat. Height 1720mm, Diameter 545mm. Weight 46kg empty, 296kg full.
055947	Water Heater Direct Unvented 325 ltrs kit including cold water inlet, expansion vessel & tundish, supplied with 2 x 3kW titanium elements and 75 deg C thermostat. Height 1383mm, Diameter 690mm. Weight 68kg empty, 393kg full.

Water Heater Spares

Fullwood pt#

055970	Water Heater Direct Temp & Pressure Relief Valve	
055971	Water Heater Direct incoloy Immersion Heater - 3kw, 1 3/4" OBSOLETE - LIMITED STOCK AVAILABLE	
055972	Water Heater Direct Immersion incoloy Heater - 6kw, 1 3/4"	See image above

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Fullwood pt#

055973	Water Heater Direct Immersion Heater - 3kw, 1 3/4" Titanium 1PH
055974	Water Heater Direct Immersion Heater - 6kw, 1 3/4" Titanium 1PH
055975	Water Heater Direct Immersion Heater - 6kw, 1 3/4" Titanium 3PH OBSOLETE - LIMITED STOCK AVAILABLE
055977	Water Heater Direct - cold water Inlet Control 22mm (Std flow rate)



055976	Water Heater Direct - cold water Inlet Control 28mm (high flow rate)
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See image above

055978	Water Heater Direct Tundish
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055979	Water Heater Direct 12 Litre Expansion Vessel 60 - 150 ltr heater
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055980	Water Heater Direct 19 Litre Expansion Vessel 180 - 250 ltr heater
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See image above

055981	Water Heater Direct 24 Litre Expansion Vessel 300 - 400 ltr heater
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See image above

055982	Water Heater Direct 35 Litre Expansion Vessel 450 - 550 ltr heater
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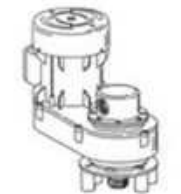
See image above

055983	Water Heater Direct Expansion vessel Wall Mounting Kit
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055984	Water Heater Direct Stainless Steel Stat Pocket
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Bulk Tank Spares

Fullwood pt#

072726 Vertical Wash Pump 1.1kw**072901** Vertical Wash Pump 1.5kw**072613** 1.1KW 240V Cleaning Pump**072405** Cleaning Pump Capacitor 20F**072403** Sirem Iced Water Pump Hanning**172857** Agitator motor 21T Enclosed + Packo V-Ring**172892** Agitator Motor 30RPM**072473** Sirem Agitator V Ring D27-29**072909** Seal-Flat Swivel Manhole inspection cover**072458** Seal Manhole Inspection Cover Incl Cut out**172828** Seal Manhole Inspection Cover less Cut out**172831** 2"RJT Flat Seal**172830** 2"RJT Blank Outlet Cap**072734** Seal for 003331 3"SMS
Sealing rubber between nut and Magnum filter body
Bulk Tank washed outlet seal 3"

continuation of previous page

Fullwood pt#

072908 Chemical Dosage Pump**172497** Hose for 072908 dosage pump OBSOLETE - LIMITED STOCK AVAILABLE**072436** Detergent Dosage Cup**072435** Detergent Dosage Cup Flange**072735** Blind Nut for 3" Washed Outlet**072688** Muller Coil valve 240v IP68**072615** Water Level Probe sensor**072454** Digital Thermostat PCV2**072853** Digital Thermostat Welba PCV2**072878** Sensor for PCV4**072729** PCB For PCV4 Control Panel**072409** Water solenoid valve coil single 240v Push on

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Fullwood pt#

072411 Water solenoid valve coil double 240v Push on**072648** Single Water Valve & cable IP65 <90**072649** Double Water Valve & cable IP65 <90**072972** IP68 drain valve plus cable coil**172536** Motorised Valve(Eco Wash)**072822** 189-227mF 220v Capacitor OBSOLETE - LIMITED STOCK AVAILABLE**072824** 35mF 440v Capacitor**172463** 31.5uF Capacitor OBSOLETE - LIMITED STOCK AVAILABLE**172468** 5uF Capacitor**172488** 30uF Capacitor for Ice Builder PS60 Hanning Pump**172496** Start capacitor for 5hp Condensing unit ZB42**172591** Run Capacitor for ZB19**172592** Run Capacitor for ZB21**172593** Run Capacitor for ZB26 60Hz**172782** 20uF Capacitor PBIC80

TERMS AND CONDITIONS OF SALE



1. General

- 1.1 The terms and conditions of sale set out in this document represent the entire agreement and understanding between us and override any other express or implied terms in relation to any contract for sale. These terms can be altered only by a written statement signed by one of our duly authorised officers. The Buyer acknowledges that it has not relied on any statement, promise or representation made or given by or on behalf of us which is not set out here or in the contract.
- 1.2 Subject to any variation under condition 1.1 the contract shall be on these conditions to the exclusion of all other terms and conditions (including any terms or conditions upon which you purport to apply under any purchase order, confirmation of order, specification or other document).
- 1.3 No terms or conditions endorsed on, delivered with or contained in your purchase order, confirmation of order, specification or other document shall form part of the contract simply as a result of such document being referred to in the contract.
- 1.4 These terms and conditions shall apply only to contracts made between us and you. You agree that it is not our intention that any term shall be enforceable by virtue of the Contracts (Rights of Third Parties) Act 1999 by any person that is not a party to it.
- 1.5 Our quotations and price lists are merely for information and do not constitute an offer to contract. A binding contract will only arise when we have received your formal order and accepted it by sending you an acknowledgement of order.
- 1.6 Once our acknowledgement has been sent an order can only be cancelled or altered if we agree in writing to accept cancellation or alteration. Even if we do accept this we reserve the right to charge for any costs reasonably incurred by us up to the date of alteration and/or cancellation.
- 1.7 Failure or delay by us in enforcing or partially enforcing any provision of these terms shall not be construed as a waiver of any of our rights under these terms or the contract.
- 1.8 These terms and conditions are governed by Incoterms 2000, on the Ex-Works basis where applicable.

2. Price

- 2.1 Orders for items will be charged at the price shown in our current price list at the date of delivery which is exclusive of any lawful tax.
- 2.2 Where we have given a quotation for goods we will accept orders at the prices given in the quotation provided the order is placed within one month of the date of the quotation. If the order is not placed within one month we have the right to issue a new quotation.

3. Payment Terms

- 3.1 A deposit payment is required at the time of the order being placed, which may be waived at our discretion.
- 3.2 Subject to the provisions of clause 1.6, in the event that we agree to the cancellation of an order, the return of the deposit (in whole or part) is entirely at our discretion.
- 3.3 Unless otherwise agreed, all invoices must be paid in full without demand, deduction, set off or counterclaim, within the due periods as specified on our quotations or invoices.
- 3.4 If you fail to pay us any sum due pursuant to the contract, you shall be liable to pay interest to us on such sum from the due date for payment at the annual rate of 4% above the base lending rate from time to time of Barclays Bank plc, accruing on a daily basis until payment is made, whether before or after any judgment. We reserve the right to claim interest under the Late Payment of Commercial Debts (Interest) Act 1998.

4. Delivery

- 4.1 Delivery is Ex-Works, as defined by IncoTerms 2000, at the premises of Fullwood Ltd, Ellesmere, SY12 9DF England, and is entirely your responsibility, with the exception of normal delivery to addresses in Great Britain, for which Fullwood Ltd will be responsible.
- 4.2 Time shall not be of the essence in relation to delivery of the goods.
- 4.3 Any liability that we may have for non-delivery of the goods shall be limited to

replacing the goods within a reasonable time or issuing a credit note at the pro rata contract rate against any invoice raised for such goods.

- 4.4 You must arrange for manpower and equipment to be available to unload the goods when they are delivered.

5. Damage and Loss in Transit

- 5.1 Unless delivery is to an address in Great Britain, the goods are your responsibility from the time of despatch from our premises and any loss or damage of equipment in transit is entirely your responsibility as defined in Incoterms 2000.
- 5.2 If delivery is to an address in Great Britain and you think that any of the goods have been damaged in transit or that some goods have not been delivered you must notify us in writing within five days of receipt. You must also retain any packaging in which the damaged goods were delivered. We cannot accept any responsibility for any such claim unless you comply with these requirements

6. Retention of Title

- 6.1 Ownership of the goods which are the subject of this contract shall not pass to you until they are fully paid for. Until we have received full payment you must store the goods in such a way as clearly to indicate at all times that the goods are owned by us and not do anything to the goods which may prevent them from being identified. We reserve the right to enter upon any relevant land or buildings with such transport as may be necessary for the purpose of repossession but this shall be without prejudice to any other rights or remedies arising from any breach of contract.
- 6.2 You have our permission (which we can withdraw at any time by notice) to sell goods which have not been paid for as our fiduciary bailee in the normal course of your business and to dispose of the goods by way of a bonafide sale at full market value. When your customer pays you for those goods you must hold the money to our order.
- 6.3 If while we retain ownership of the goods the goods are incorporated in or attached to other goods the ownership of the whole of such goods shall vest in us and you shall hold such goods as our bailee and to our order until we have received payment in full in respect of our goods.

7. Risk

- 7.1 Even though goods remain our property until you have paid for them they are at your risk from the time of despatch from our premises and you are responsible for and should put in place at your own expense all risk insurance. You are responsible for taking care of them which includes (but is not limited to) storing them under suitable conditions.
- 7.2 You may resell the goods before ownership has passed to you solely on the following conditions;
- 7.2.1 Any sale shall be effected in the ordinary course of your business at full market value;
- 7.2.2 Any such sale shall be a sale of our property on your own behalf and you shall deal as principal when making such a sale;
- 7.2.3 You ensure that as part of your terms and conditions of sale between you and your customer, the cancellation provisions as set out in these terms and conditions are incorporated.

8. Warranty

- 8.1 We will make good by repair or the supply of replacement defects which under proper use appear in the goods we supply within a period of twelve calendar months after the goods have been despatched and arise solely from faulty design (other than a design made, furnished or specified by you for which we have disclaimed responsibility in writing) materials or workmanship, provided always that defective parts have been returned under our approved procedure.
- 8.2 You accept responsibility for the return of the goods to our premises at your own cost.
- 8.3 Our liability under this clause as to the quality or fitness for any particular purpose of the goods shall be in lieu of any warranty or condition implied by law. Save as provided in this clause and in clause 9 below we shall not be under any liability whether in contract tort or otherwise in respect of the defects in goods delivered or for any injury (other than personal injury caused by our negligence as defined in the Unfair Contract Terms Act 1977 section 1) damage or loss resulting from such defects or from any work done in

connection therewith.

- 8.4 This guarantee does not apply to defects caused entirely or partly by:-
 - 8.4.1 Fair wear and tear in consumable parts (which includes all rubber and silicon parts);
 - 8.4.2 A third party's products being used with our equipment;
 - 8.4.3 Interference caused by transmitted radiation or the proximity of other electrical equipment;
 - 8.4.4 Fluctuations in the power supply, and / or abnormalities in the electrical power supply.
 - 8.4.5 Negligent or defective workmanship and the design of the premises in which the goods are to be installed or in the installation of the goods;
 - 8.4.6 Failure to maintain or use the equipment precisely in accordance with our instructions and recommendations;
 - 8.4.7 Any advice we give on the design and installation of the goods where you have supplied us with wrong, incomplete or misleading information.
- 8.5 If any defect does arise as stated above then you must notify us in writing as soon as reasonably practicable or in any event within fourteen days of the fault arising.

9. Limitation of Liability

- 9.1 Subject to Clause 4 and Clause 8 the following provisions set out our entire financial liability (including any liability for the acts or omissions of its employees, agents and sub-contractors) to you in respect of:
 - 9.1.1 Any breach of these conditions;
 - 9.1.2 Any use made or resale by you of any of the goods, or of any product incorporating any of the goods; and
 - 9.1.3 Any representation, statement or tortious act or omission including negligence arising under or in connection with any contract for sale.
- 9.2 All warranties, conditions and other terms implied by statute or common law (save for the conditions implied by section 12 of the Sale of Goods Act 1979) are, to the fullest extent permitted by law, excluded from the Contract.
- 9.3 Nothing in these conditions excludes or limits our liability:
 - 9.3.1 For death or personal injury caused by our negligence; or
 - 9.3.2 Under section 2(3), Consumer Protection Act 1987; or
 - 9.3.3 For any matter which it would be illegal for the Company to exclude or attempt to exclude its liability; or
 - 9.3.4 for fraud or fraudulent misrepresentation.
- 9.4 Subject to clause 9.2 and clause 9.3:
 - 9.4.1 our total liability in contract, tort (including negligence or breach of statutory duty), misrepresentation, restitution or otherwise, arising in connection with the performance or contemplated performance of the contract for sale shall be limited to the contract for sale; and
 - 9.4.2 We shall not be liable to you for loss of profit, loss of business, in each case whether direct, indirect or consequential which arise out of or in connection with the contract for sale.

10. Ownership Rights

All technical information, schematics, drawings and all other information in relation to the goods or their installation are our property and you are not allowed to do anything which may damage or endanger or challenge the validity of these ownership rights and you should not reproduce or otherwise use these without our prior written permission.

11. Severance

If any provision of these terms and conditions of sale are prohibited by law or adjudged by a Court to be unlawful, void or unenforceable then that provision shall to the extent required be severed from this agreement and rendered ineffective as far as possible without modifying the remaining provisions of the agreement and shall not in anyway affect any other circumstances or the validity or enforcement of this agreement.

12. Force Majeure

- 12.1 We cannot accept responsibility for any failure to fulfil our part of the contract which is caused by or attributable to acts, events, omissions or accidents beyond our reasonable control, including but not limited to any of the following:

- 12.1.1 Acts of God, including but not limited to fire, flood, earthquake, windstorm or other natural disaster;
- 12.1.2 war, threat of or preparation for war, armed conflict, imposition of sanctions, embargo, breaking off of diplomatic relations or similar actions;
- 12.1.3 Terrorist attack, civil war, civil commotion or riots;
- 12.1.4 Nuclear, chemical or biological contamination or sonic boom;
- 12.1.5 Voluntary or mandatory compliance with any law (including a failure to grant any licence or consent needed or any change in the law or interpretation of the law);
- 12.1.6 Fire, explosion or accidental damage;
- 12.1.7 Loss at sea;
- 12.1.8 Adverse weather conditions;
- 12.1.9 Collapse of building structures, failure of plant machinery, machinery, computers or vehicles;
- 12.1.10 any labour dispute, including but not limited to strikes, industrial action or lockouts;
- 12.1.11 non-performance by suppliers or subcontractors (other than by companies in the same group as the party seeking to rely on this clause); and
- 12.1.12 interruption or failure of utility service, including but not limited to electric power, gas or water.

13. Installation

This clause applies only where we have agreed to install and/or commission the equipment.

- 13.1 You are responsible for carrying out all structural alterations and any other works necessary to prepare the premises for the installation of the equipment. These works must be completed prior to our estimated delivery date and must comply with any instructions, designs or specifications which we may give to you.
- 13.2 If installation of the goods is delayed because of your breaches of clause 13.1 above then we have the right to levy an additional charge to cover our direct and indirect costs incurred as a result.
- 13.3 The equipment is at your risk from the time it is delivered to you even though we are working with it. You must comply with clause 7 above.
- 13.4 You are responsible for the supply and connection of all mains services including but not limited to water, drainage and electricity.
We will use all reasonable endeavours to ensure that the installation works will be carried out in a good and workmanlike manner provided that our liability for the consequence of any negligent workmanship in the course of installation is limited in the same way as provided in clauses 8 and 9 above

14. Termination on Non-Payment or Insolvency

If for whatever reason you fail to comply with these terms and conditions including failing to pay any sum properly due or if you go into liquidation whether compulsory or voluntary (except for the purposes of a bonafide reconstruction or amalgamation with our consent such consent not to be unreasonably withheld) or if an administrator, administrative receiver or receiver is appointed over any part of your assets or undertaking then we may by notice immediately terminate this agreement.

15. Indemnity

You will indemnify us and keep us indemnified against any loss, damage or liability (whether criminal or civil) suffered and legal fees and costs incurred by any breach by you of these terms and conditions including any act neglect or default by your employees or agents and including any breach by you resulting in any successful claim by any third party.

16. Governing Law

These terms shall be governed by and construed in accordance with English Law and be under the exclusive jurisdiction of the Courts of England.

17. Date & Revision

These Terms & Conditions are dated 18th March 2009. Revision Number 1/09.

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