

Clemas & Co Ltd

Industrial Cleaning Equipment
Sales - Hire - Service

STORM PRESSURE WASHER OPERATOR MANUAL



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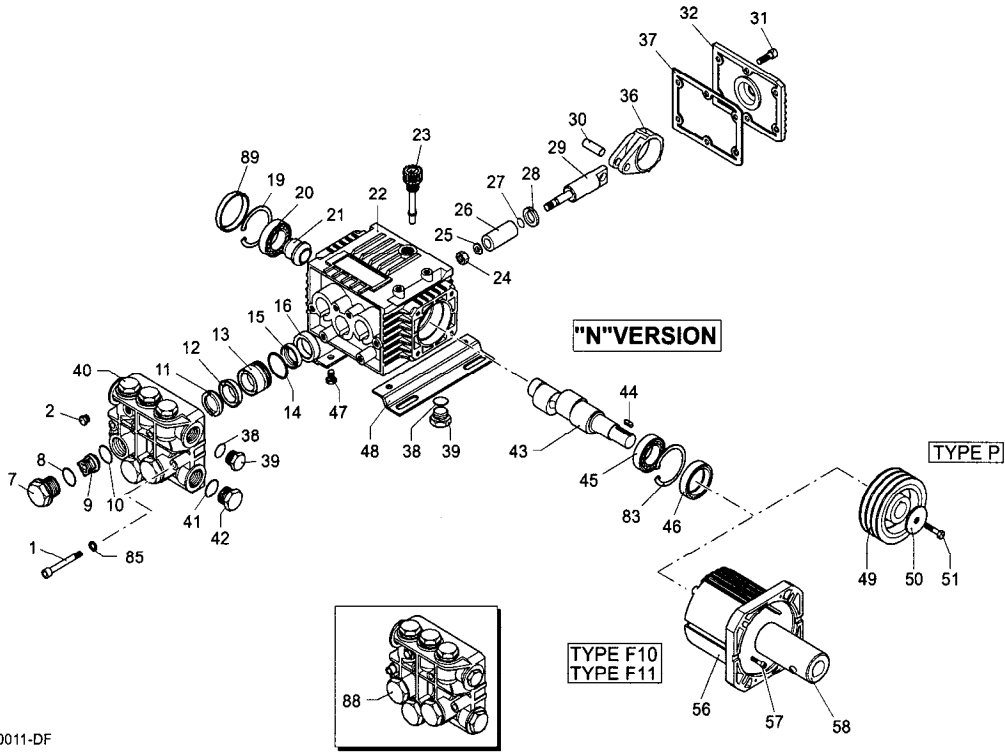
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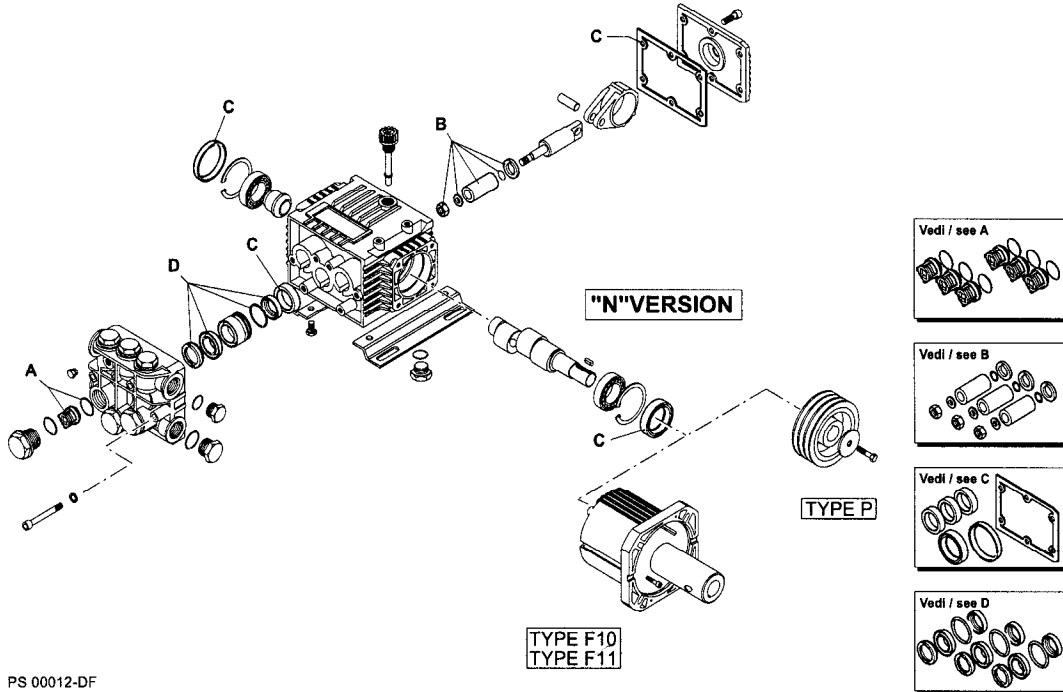
XT

VERSION N 1450 RPM



PS 00011-DF

KIT RICAMBI / PART KITS



PS 00012-DF

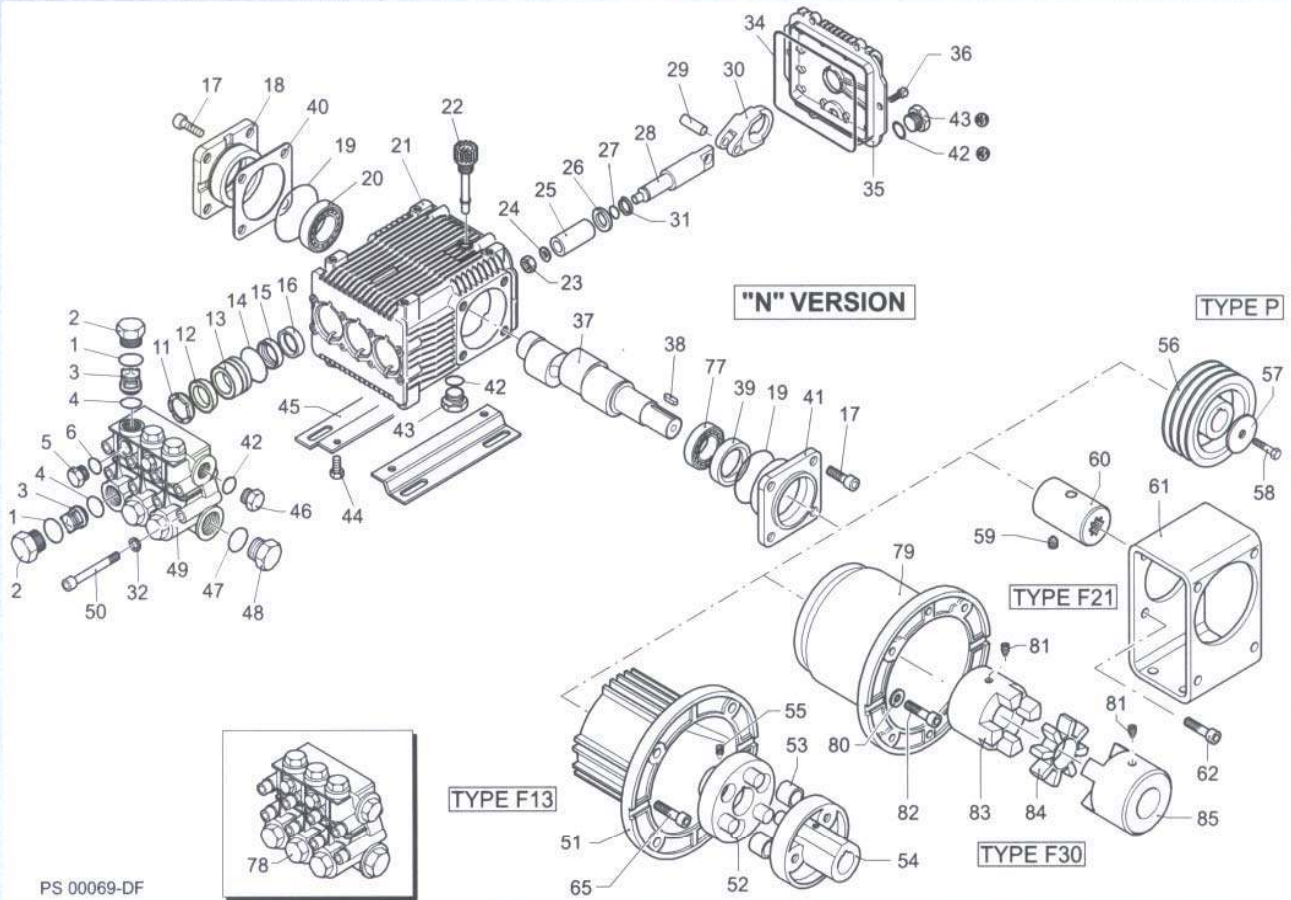
XT 1450							
Pos	Code No	Description	Qty	Pos	Code No	Description	Qty
1	AR1322730	Screw	6	40	AR1320020	Pump Head	1
2	AR620301	Plug	1	41	AR180101	O Ring	1
7	AR1260162	Plug	6	42	AR820361	Plug	1
8	AR960160	O Ring	6	43	AR1260200	Crankshaft	1
9	AR1269050	Complete Valve	6	43	AR1320260	Crankshaft	1
10	AR880830	O Ring	6	44	AR1380520	Key	1
11	AR1320340	Support Ring	3	45	AR1320370	Bearing	1
12	AR1260220	Gasket	3	46	AR1260750	Seal	1
13	AR1320351	Piston Guide	3	47	AR1260470	Screw	4
14	AR1260420	O Ring	3	48	AR1263890	Base	2
15	AR1260450	Gasket	3	83	AR1260790	Circlip	1
16	AR1260460	Seal	3	85	AR1381550	Washer	6
19	AR1260790	Circlip	1	88	AR1269222	Pump Head pre-ass	1
20	AR1320370	Bearing	1	89	AR1266740	Cap	1
21	AR1320330	Bushing	1				
22	AR1320010	Pump Housing	1				
23	AR880130	Oil Plug	1				
24	AR1260110	Nut	3				
25	AR1260100	Washer	3				
26	AR1260210	Piston	3				
27	AR480480	O Ring	3				
28	AR1260091	Spacer	3				
29	AR1260070	Guiding Piston	3				
30	AR1260080	Piston Pin	3				
31	AR1260760	Screw	6				
32	AR1269101	Complete Cover	1				
32	AR1320910	Complete Cover	1				
36	AR1260060	Con Road	3				
36	AR1320140	Con Road	3				
37	AR1260040	Gasket	1				
38	AR740290	O Ring	2				
39	AR1980740	Plug	2				

ARKIT1864		ARKIT2629		ARKIT1872	
Valve Kit		Piston Kit		Oil Seal Kit	
Pos	Qty	Pos	Qty	Pos	Qty
9	6	24	3	16	3
10	6	25	3	37	1
		26	3	46	1
		27	3	89	1
		28	3		

ARKIT1874	
Water Seals	
11	3
12	3
14	3
15	3

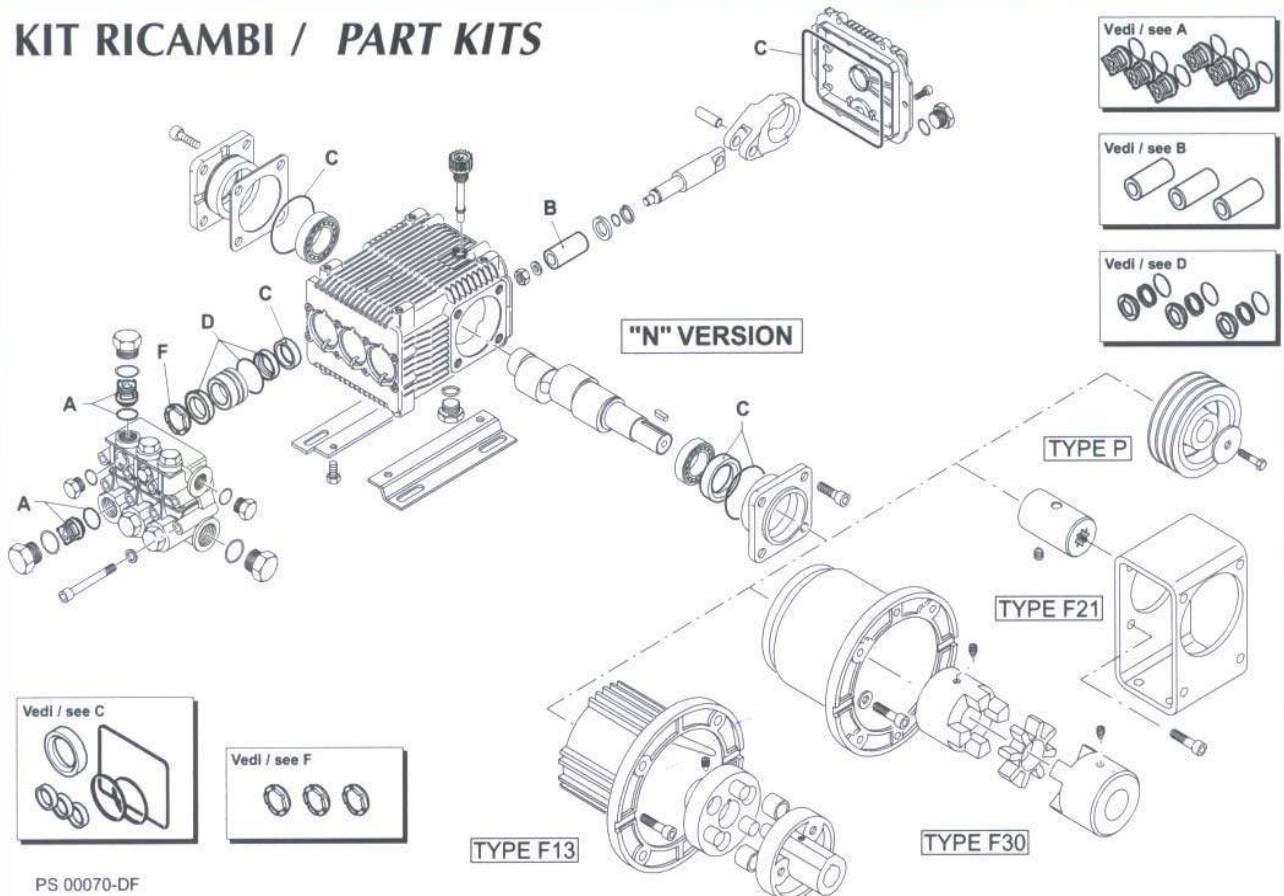
RK

VERSION **N** 1450 RPM



PS 00069-DF

KIT RICAMBI / PART KITS



PS 00070-DF

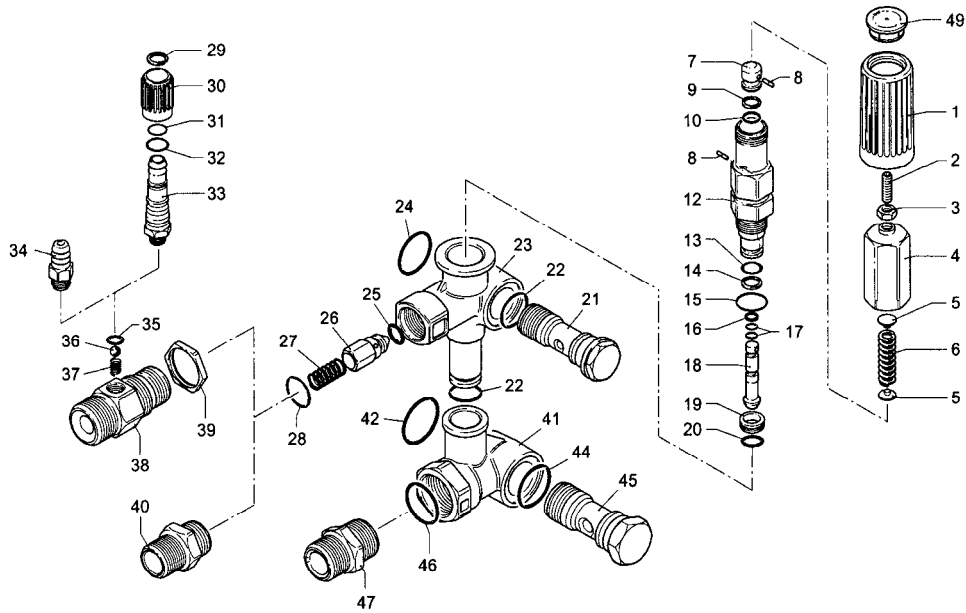
RK MODEL: RK 13-17 / RK 15-20H / RK21-15							
Pos	Part No	Description	Qty	Pos	Part No	Description	Qty
1	AR960160	O Ring	6	36	AR1343510	Screw	6
2	AR960090	Plug	6	40	AR1380120	0.10mm shim	1÷3
2	AR1380740	Plug	6	40	AR1380130	0.20mm shim	1÷3
3	AR1389051	Complete Valve	6	40	AR1380530	0.25mm shim	1÷3
4	AR880830	O Ring	6	40	AR1382810	0.05mm shim	1÷3
5	AR880581	Plug	2	42	AR740290	O ring	3
6	AR820510	O Ring	2	43	AR1980740	³ / ₈ G plug	2
11	AR960110	Support Ring	3	44	AR1260470	Screw	4
12	AR880320	Gasket	3	45	AR1380141	Base	2
13	AR1380090	Piston Guide	3	46	AR1980740	³ / ₈ G Plug	1
14	AR961240	O Ring	3	46	AR1981180	³ / ₈ G Plug	1
15	AR880330	Gasket	3	47	AR180101	O Ring	1
16	AR138130	Seal	3	48	AR820361	Plug	1
17	AR850370	Screw	8	48	AR960870	Plug	1
18	AR1380050	Closed Bearing sup	1	49	AR1381070	Pump head	1
19	AR640030	O Ring	1	50	AR820150	Screw	8
20	AR2280240	Bearing	1	60	AR1380320	Bearing	1
21	AR1382770	Pump Housing	1	61	AR621170	Seal	1
22	AR880130	Oil Cap	1	62	AR1380220	O Ring	1
23	AR962010	Nut	3	63	AR1380210	Shaft cover	1
24	AR962000	Washer	3	66	AR2280180	Hollow Shaft 28mm	1
24	AR1380940	Ceramic Piston	3	66	AR2280170	Hollow Shaft 028mm	1
26	AR1380950	Spacer	3	66	AR2280160	Hollow Shaft 028mm	1
27	AR600180	O ring	3	66	AR2280150	Hollow Shaft 028mm	1
28	AR1380920	Guiding Piston	3	67	AR1380370	El Motor flange	1
29	AR1380060	Piston Pin	3	76	AR620610	Screw	4
30	AR1383050	Aluminium con-rod	3	78	AR1389272	Pump head Ass	1
31	AR1080401	Ring	3	86	AR1260250	Oil Indicator	1
32	AR1381850	Washer	8	87	AR1260430	Snap Ring	1
34	AR1780510	O Ring	1	88	AR1780690	Disc	1
35	AR1789010	Complete cover	1	89	AR1140450	O Ring	1

Valve Kit		Piston Kit		Oil Seal Kit	
ARKIT1828		ARKIT2757		ARKIT1856	
Pos	Qty	Pos	Qty	Pos	Qty
3	6	25	3	16	3
4	6			19	1
				34	1
				61	1
				62	1

Water Seal		Support Ring	
ARKIT1857		ARKIT1829	
Pos	Qty	Pos	Qty
12	3	11	3
14	3		
15	3		

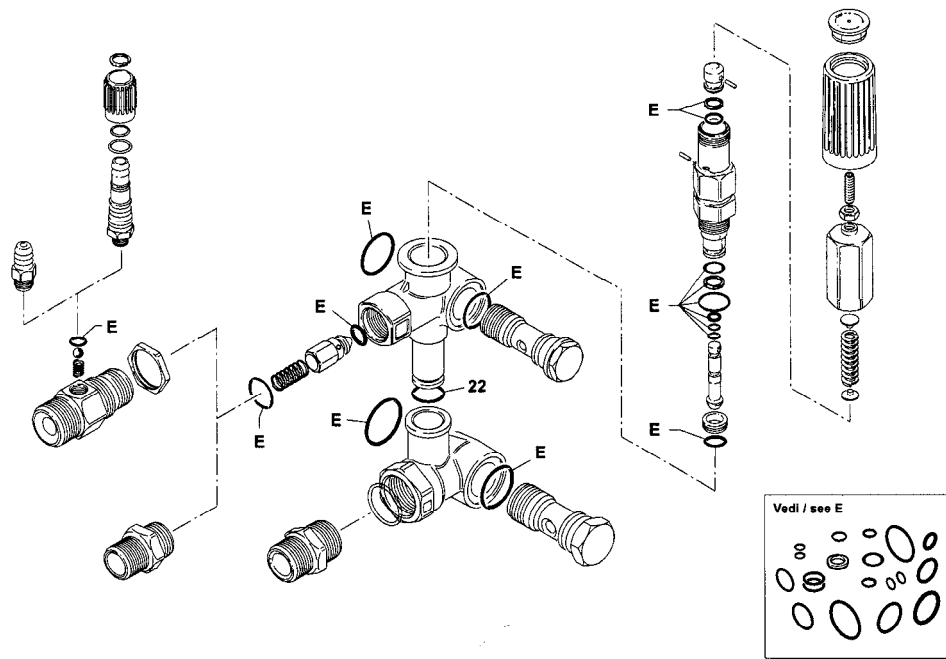
Dem

MINIMATIC 4/B



UN000186-HF

KIT RICAMBI / PART KITS



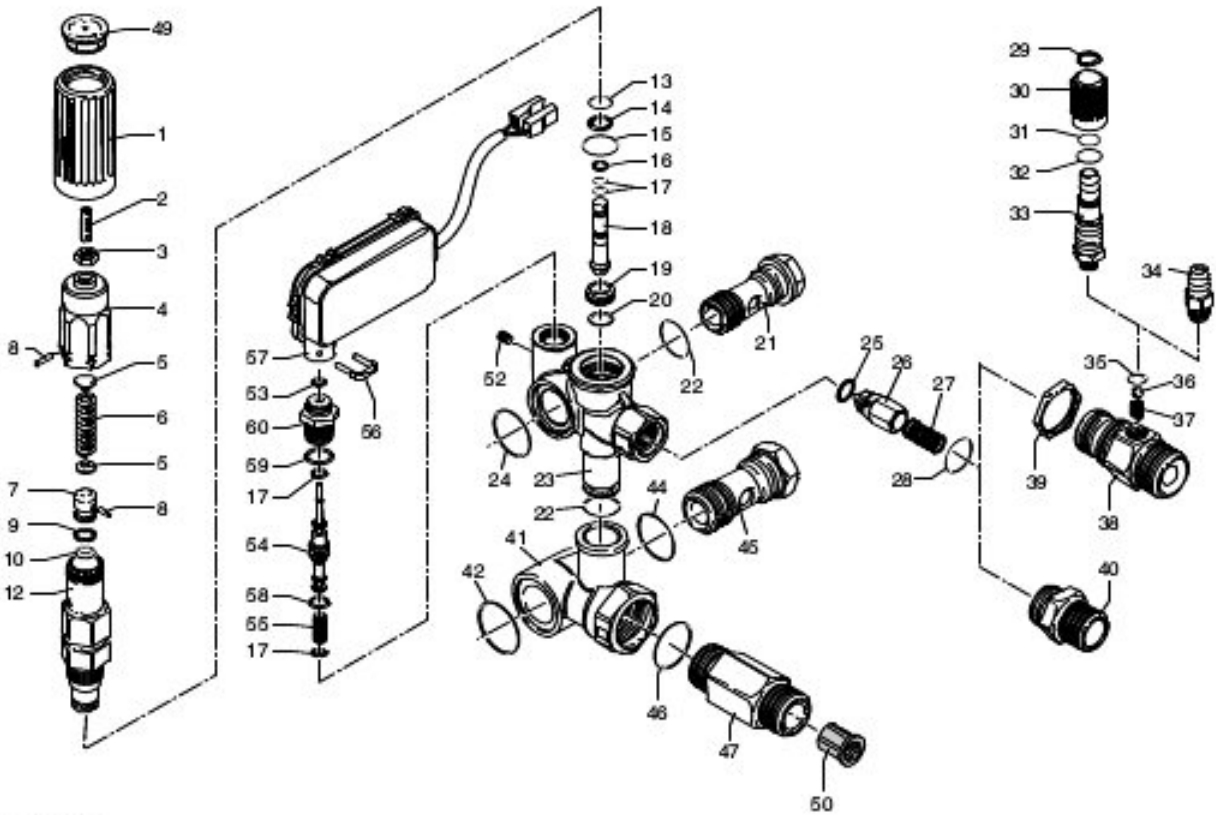
UN000187-HF

MINIMATIC 4/B

Pos	Part No	Description	Qty	Pos	Part No	Description	Qty
1	AR1981780	Handle	1	40	AR1540180	Adaptor ³ / ₈ G	1
2	AR1540560	Grub	1	40	AR1540500	Adaptor ³ / ₈ NPT	1
3	AR1980300	Nut	1	41	AR1540280	By pass housing	1
4	AR1980390	Knob Insert	1	41	AR1540480	By pass housing	1
5	AR1980220	Spring Plate	2	42	AR1540630	O Ring	1
6	AR1271070	Spring	1	44	AR880270	O Ring	1
7	AR1080041	Upper Piston	1	45	AR1540260	Thread Screw	1
8	AR1080070	Pin	2	46	AR480440	O Ring	1
9	AR1080401	Back up Pin	1	47	AR1540050	Fitting	1
10	AR1080250	O ring	1	49	AR1981770	Knob Plug	1
12	AR1980210	Piston Guide	1				
13	AR740290	O Ring	1				
14	AR800560	O Ring	1				
15	AR880830	O Ring	1				
16	AR1271170	Back up Ring	1				
17	AR1080190	O Ring	2				
18	AR1271160	Lower Piston	1				
19	AR1980200	Valve Seat	1				
20	AR1470210	O Ring	1				
21	AR1540270	Thread Screw	1				
21	AR1540430	Thread Screw	1				
22	AR390080	O Ring	2				
23	AR1540510	Valve housing	1				
24	AR1140450	O Ring	1				
25	AR1460430	O Ring	1				
26	AR1540170	Jet	1				
27	AR1080091	Spring	1				
28	AR394280	O Ring	1				
29	AR1560660	Ring	1				
30	AR1560680	Detergent Reg Knob	1				
31	AR480560	O Ring	1				
32	AR800560	O Ring	1				
33	AR1560650	Hose tail	1				
34	AR1560490	Hose tail	1				
35	AR480480	O Ring	1				
36	AR1250280	Ball	1				
37	AR1560520	Spring	1				
38	AR1540570	Fitting ³ / ₈ G	1				
38	AR1540580	Fitting ³ / ₈ /G	1				
38	AR1540610	Fitting ³ / ₈ NPT	1				
38	AR1540620	Fitting ³ / ₈ NPT	1				
39	AR1540300	Nut	1				

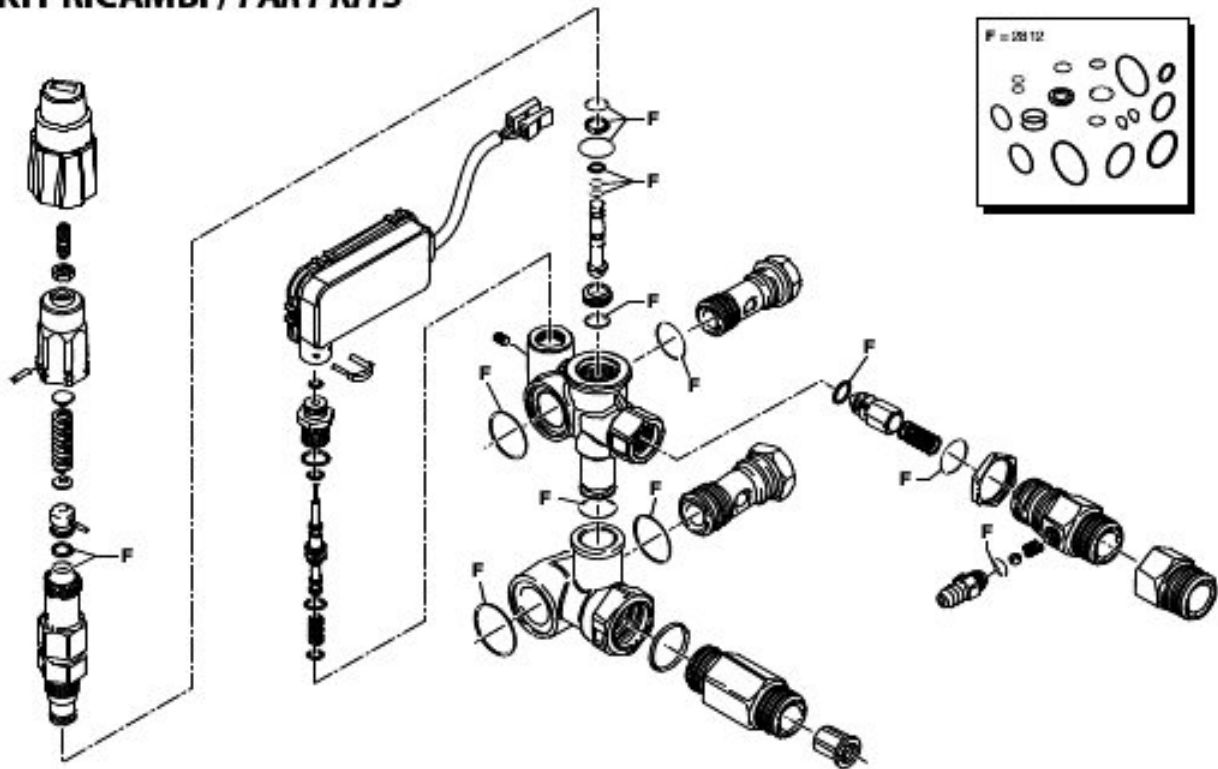
ARKIT 2812					
Pos	Qty	Pos	Qty	Pos	Qty
9	1	17	2	35	1
10	1	20	1	42	1
13	1	22	2	44	1
14	1	24	1		
15	1	25	1		
16	1	28	1		

MINIMATIC 4/B TSS



UN002257-4A

KIT RICAMBI / PART KITS

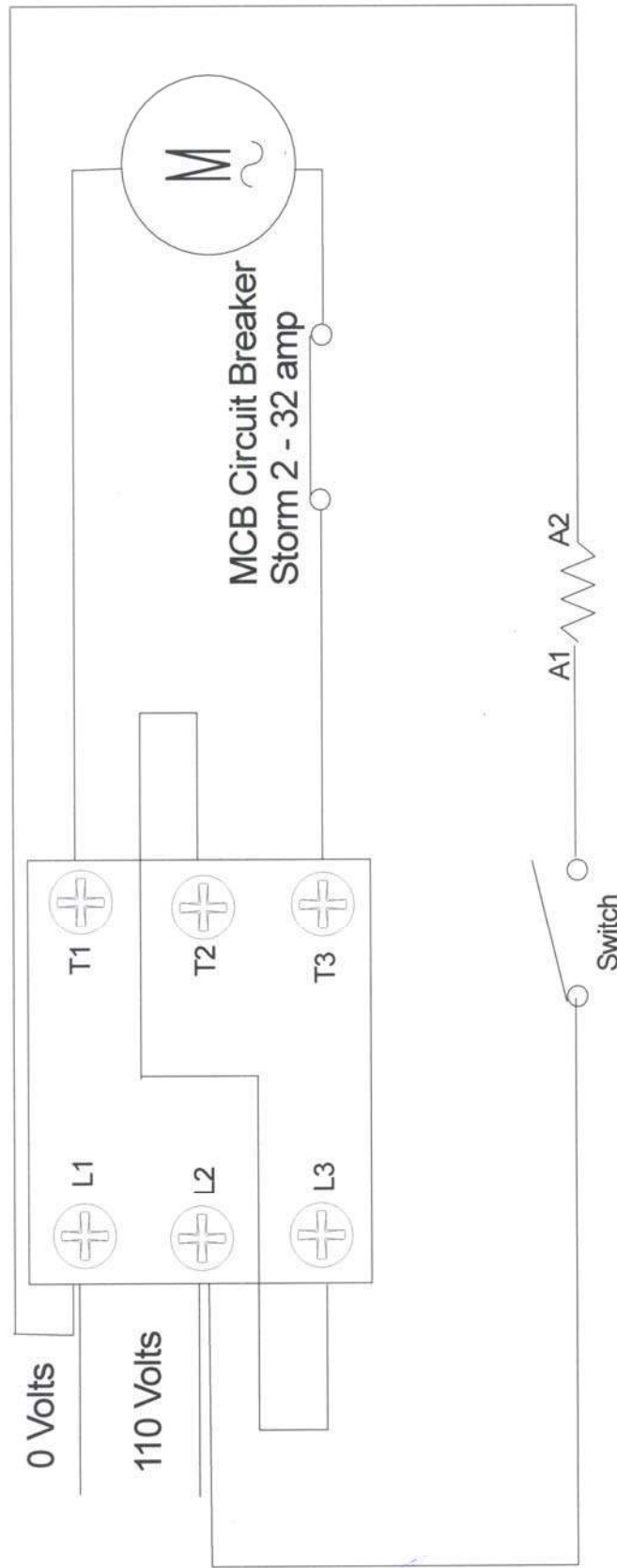


UN002258-4A

MINIMATIC 4/B TSS							
Pos	Part No	Description	Qty	Pos	Part No	Description	Qty
1	AR1981780	Knob extension	1	40	AR1540180	Adaptor ³ / ₈ G	1
2	AR392840	Grub screw	1	40	AR1540500	Adaptor ³ / ₈ NPT	1
3	AR1980300	Nut	1	41	AR1540280	By pass housing	1
4	AR2500400	Knob insert	1	42	AR1540630	O RING	1
5	AR1980220	Spring plate	2	44	AR880270	O RING	1
6	AR1271070	Spring	1	45	AR1540260	Screw	1
7	AR1080041	Upper piston	1	46	AR480440	O ring	1
8	AR1080070	Pin	2	47	AR1560600	Suction fitting	1
9	AR1080401	Back Up Ring	1	49	AR1981770	Knob plug	1
10	AR1080250	O Ring	1	50	AR1340260	Water suction filter	1
12	AR1980210	Piston Guide	1	52	AR1981190	Grub screw	1
13	AR740290	O ring	1	53	AR1260820	O ring	1
14	AR800560	O ring	1	54	AR1540880	TSS piston	1
15	AR880830	O ring	1	55	AR1981320	Spring	1
16	AR1271170	Back up ring	1	56	AR2022200	Clip	1
17	AR1080190	O ring	2	57	AR2029753	TSS assembly	1
18	AR1271160	Lower piston	1	58	AR660190	O ring	1
19	AR1980200	Valve seat	1	59	AR880840	O ring	1
20	AR1470210	O ring	1	60	AR1540870	TSS fitting	1
21	AR1540270	Thread screw	1				
22	AR390080	O ring	2				
23	AR1540660	Valve housing	1				
24	AR1140450	O ring	1				
25	AR1460430	O ring	1				
26	AR1540170	Jet	1				
27	AR1080091	Ball Spring	1				
28	AR394280	O ring	1				
29	AR1560660	Ring	1				
30	AR1560680	Detergent reg knob	1				
31	AR480560	O ring	1				
32	AR800560	O ring	1				
33	AR1560650	Hose tail	1				
34	AR1560490	Hose tail	1				
35	AR480480	O ring	1				
36	AR1250280	Ball	1				
37	AR1560520	Spring	1				
38	AR1540570	Fitting ³ / ₈ G	1				
38	AR1540580	Fitting ³ / ₈ G	1				
38	AR1540610	Fitting ³ / ₈ G	1				
38	AR1540620	Fitting ³ / ₈ G	1				
39	AR1540180	Nut	1				

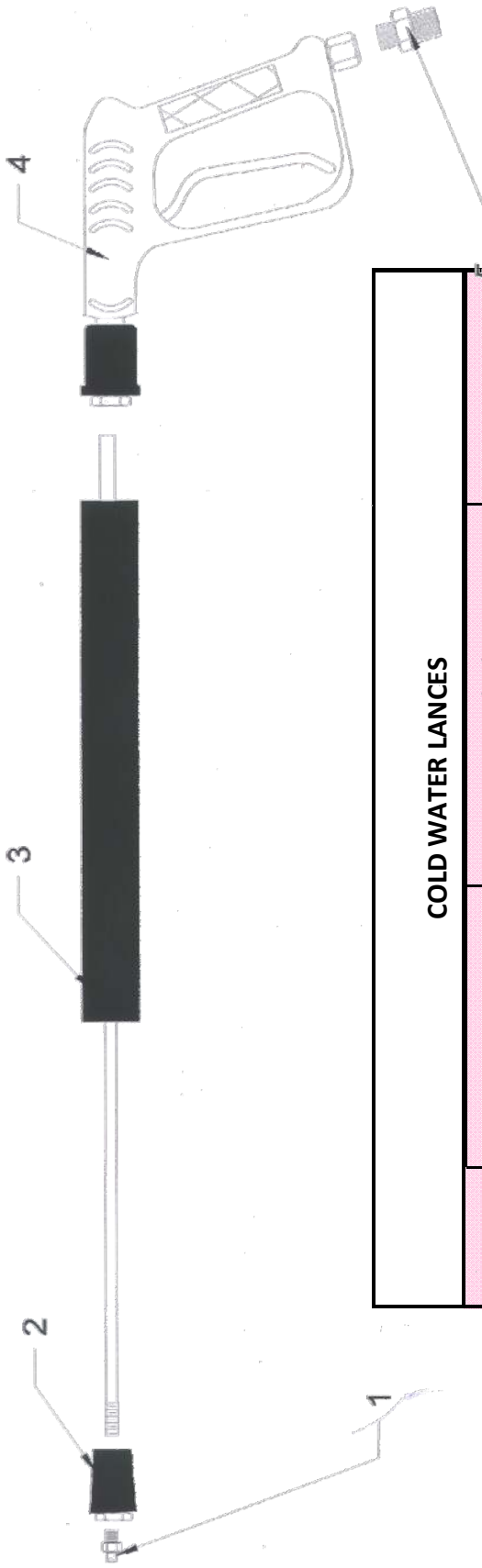
ARKIT 2812					
O Rings					
Pos	Qty	Pos	Qty	Pos	Qty
9	1	17	2	35	1
10	1	20	1	42	1
13	1	22	2	44	1
14	1	24	1		
15	1	25	1		
16	1	28	1		

Storm 2 32 amp Contactor with 32 amp MCB



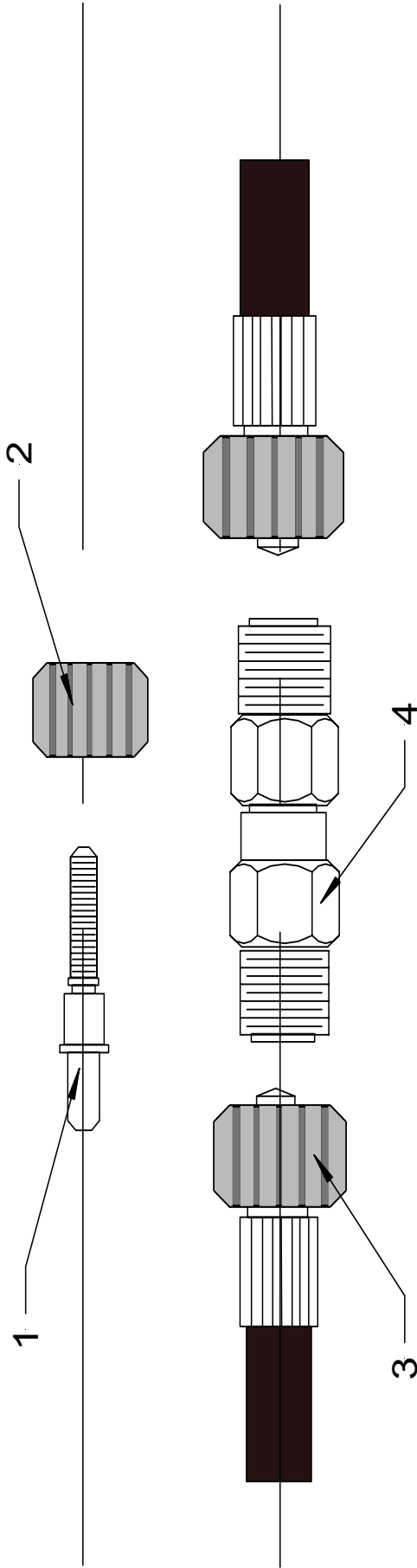
Part Numbers:
 DEM10111 - Contactor 110V 32 Amp
 DEM101252 - 32 Amp MCD "D"
 KR411107 - Switch

Cold Water Lance



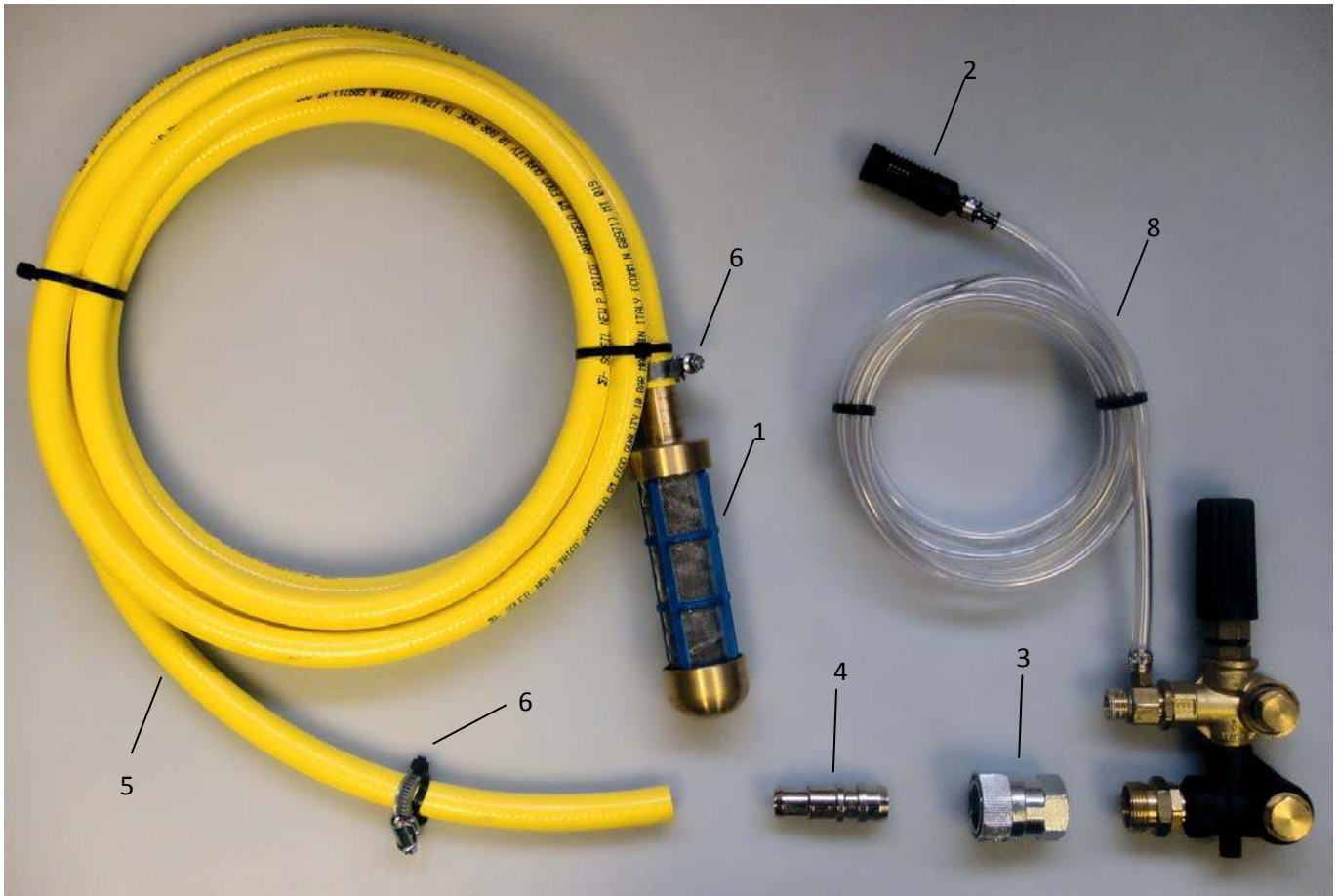
COLD WATER LANCES			
Pos	Part No	Description	Qty
1	N26001/1504	Nozzle	1
1	N26001/15045	Nozzle	1
1	N26001/1505	Nozzle	1
2	MTM90040	Adjustable Nozzle	1
3	DEM10031B	Storm 1 & 2 Lance 045	1
3	DEM10031Y	Storm WM 3 04	1
3	DEM10031R	Storm WM 4 05	1
4	DEM10030	QR Trigger	1
5	MTM70012	MVG Coupling	1

High Pressure Hoses



1.	Hose Insert	MV00490 (items 1 & 2)
2.	Nut	
3.	High Pressure Hose	HH00030MVG
4.	Hose Joiner	MV00500
Alternative Hose Lengths		
	15 Metre	HH00050MVG
	30 Metre	HH00100MVG

Storm Range Inlet Fittings



Position	Part No	Description	Qty
1	DEM10041	100 Mesh Suction Filter	
2	MTM86010	Chemical Filter	
3	MTM73001	QR Nipple Female	
4	MTM73020	QR Nipple Male	
5	HH0053	Yellow Hose	
6	DEM20500	Jubilee Clip	
7	DEM10042 INC (1-4-5-6)	Suction filter with Hose and fittings	
8	DEM10115	Detergent Pipe (Chemical Pipe)	

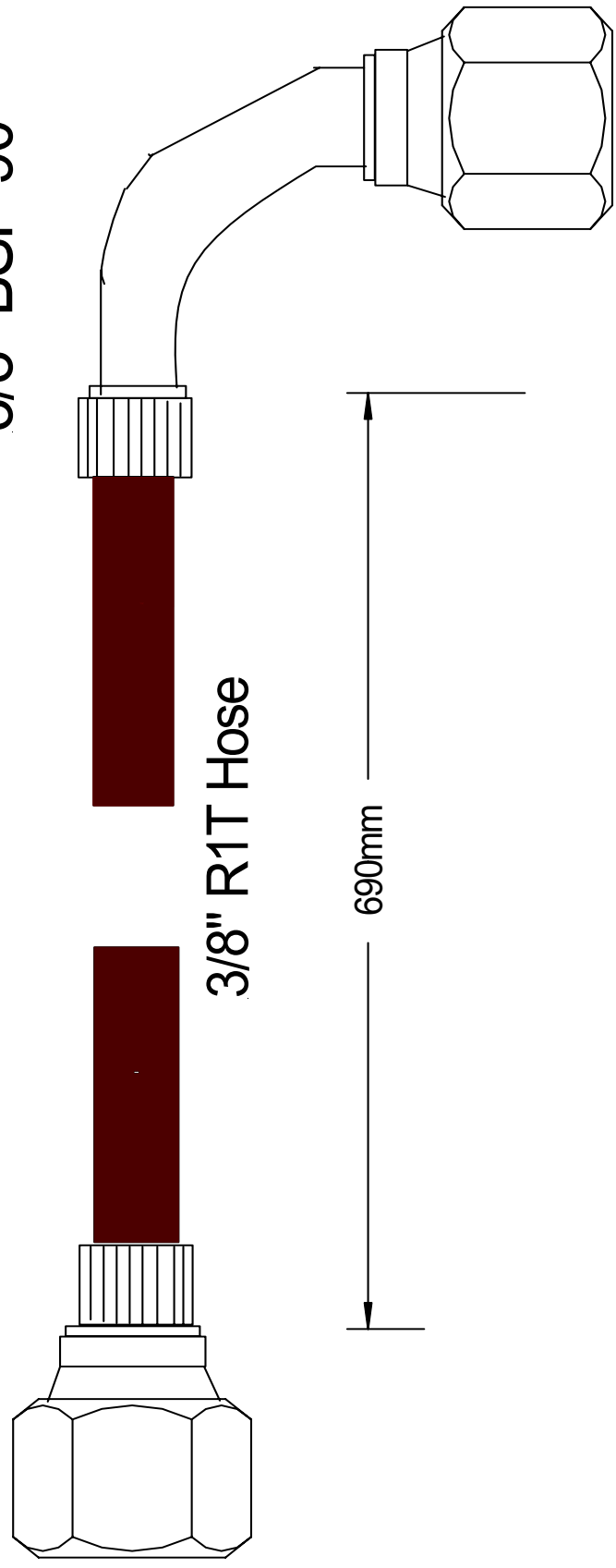
Storm Wall Mounted Internal Hose

KTW 25/6/09

Pump head to gauge and Unloader valve to outlet

HH0010

3/8" BSP 90° Straight



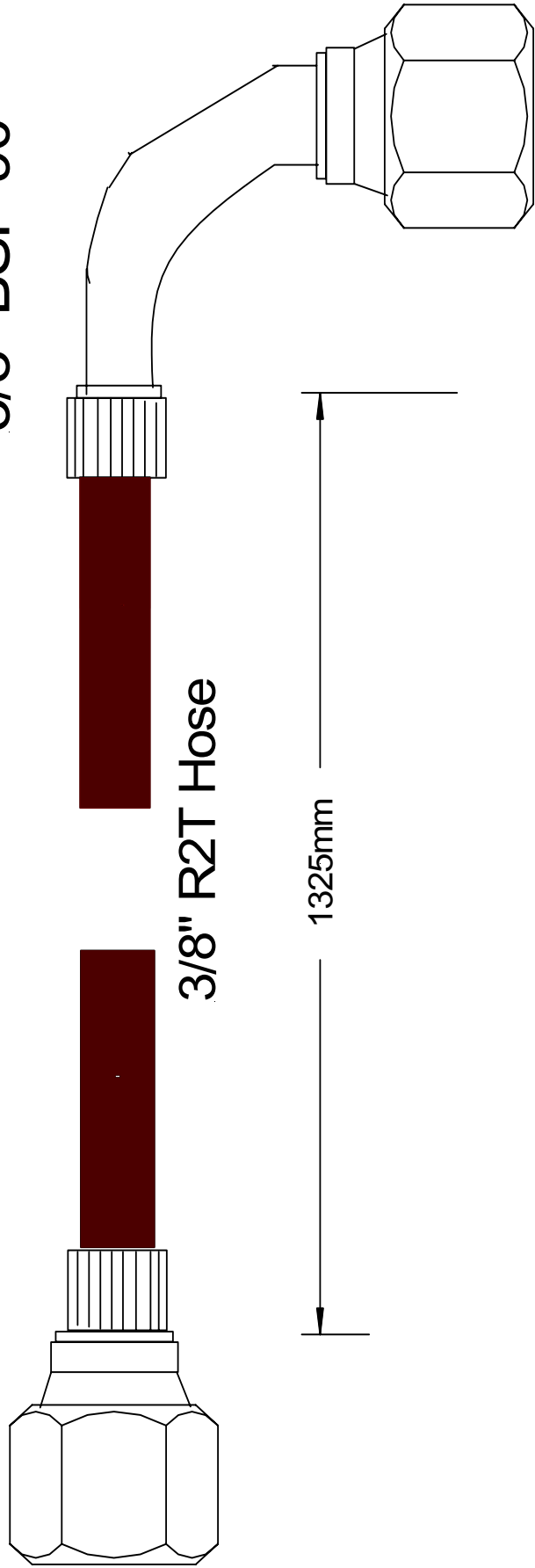
Storm Wall Mounted 415v Pump to pressure gauge

KTW 29/6/09

HH00101

3/8" BSP 90° Straight

3/8" BSP 90°



**Wall Mounted 415v Storm
Unloader valve to outlet**

HH00102

KTW 29/6/09

3/8" BSP 90° Straight

3/8" BSP 90°

