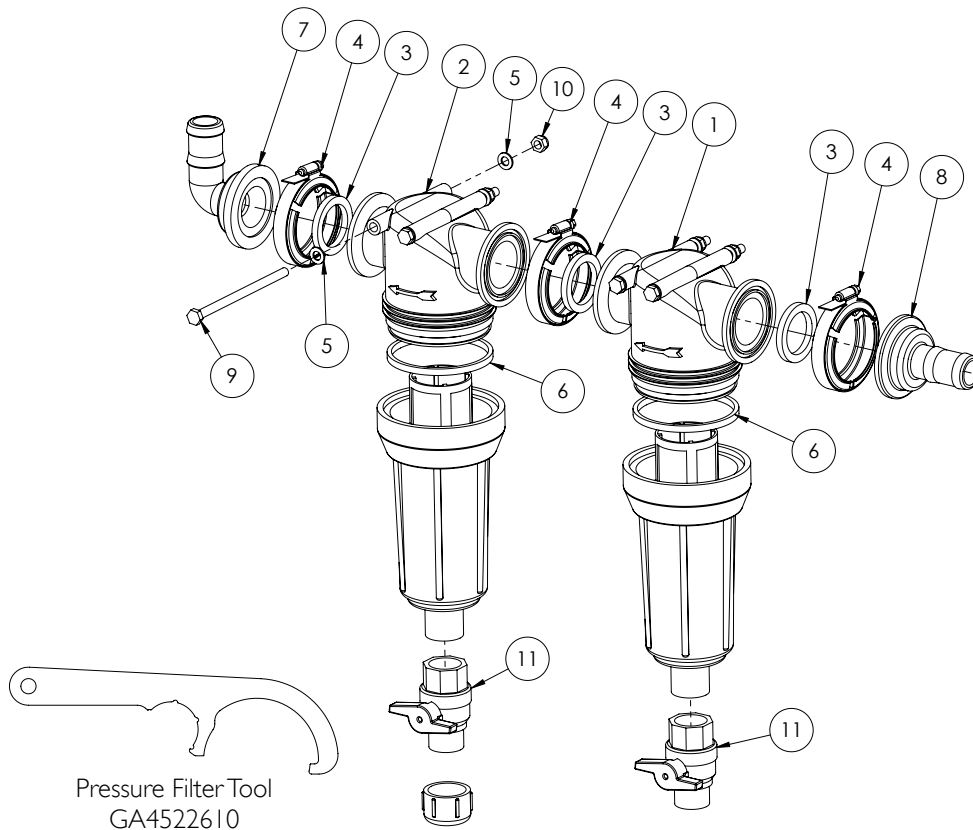


Chapter 19

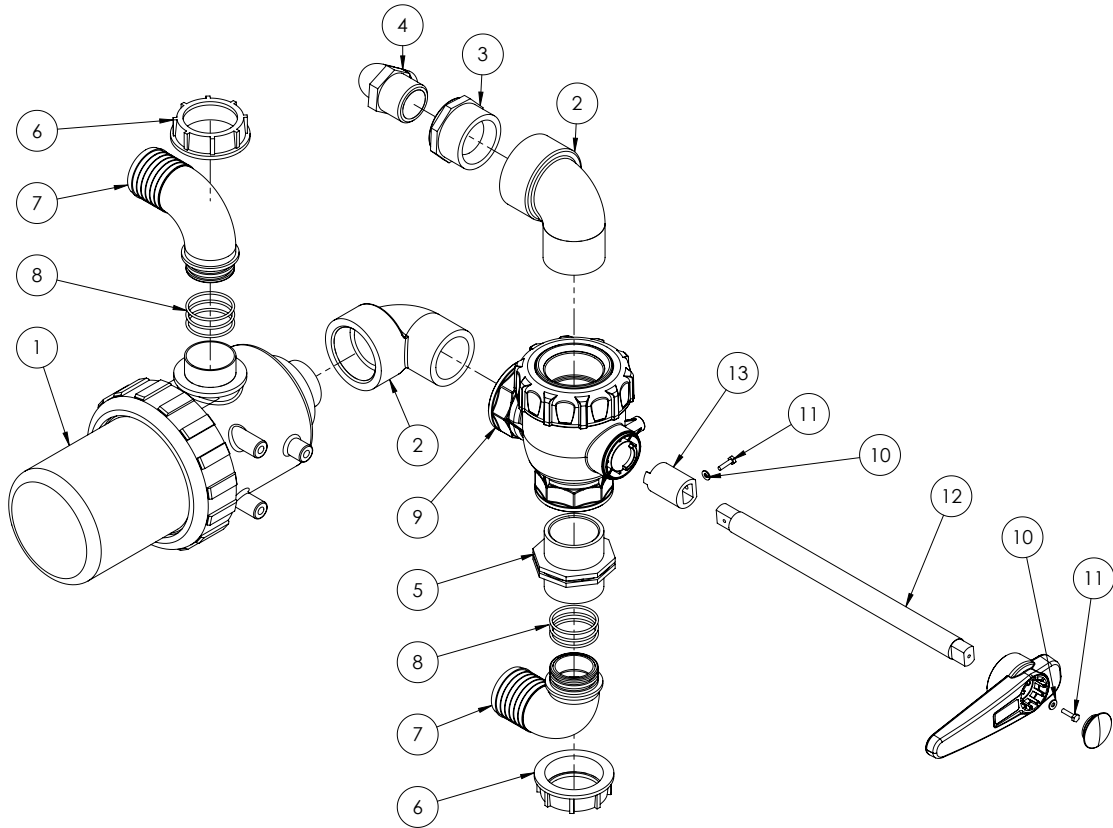
PLUMBING

Dual Pressure Filter Assembly



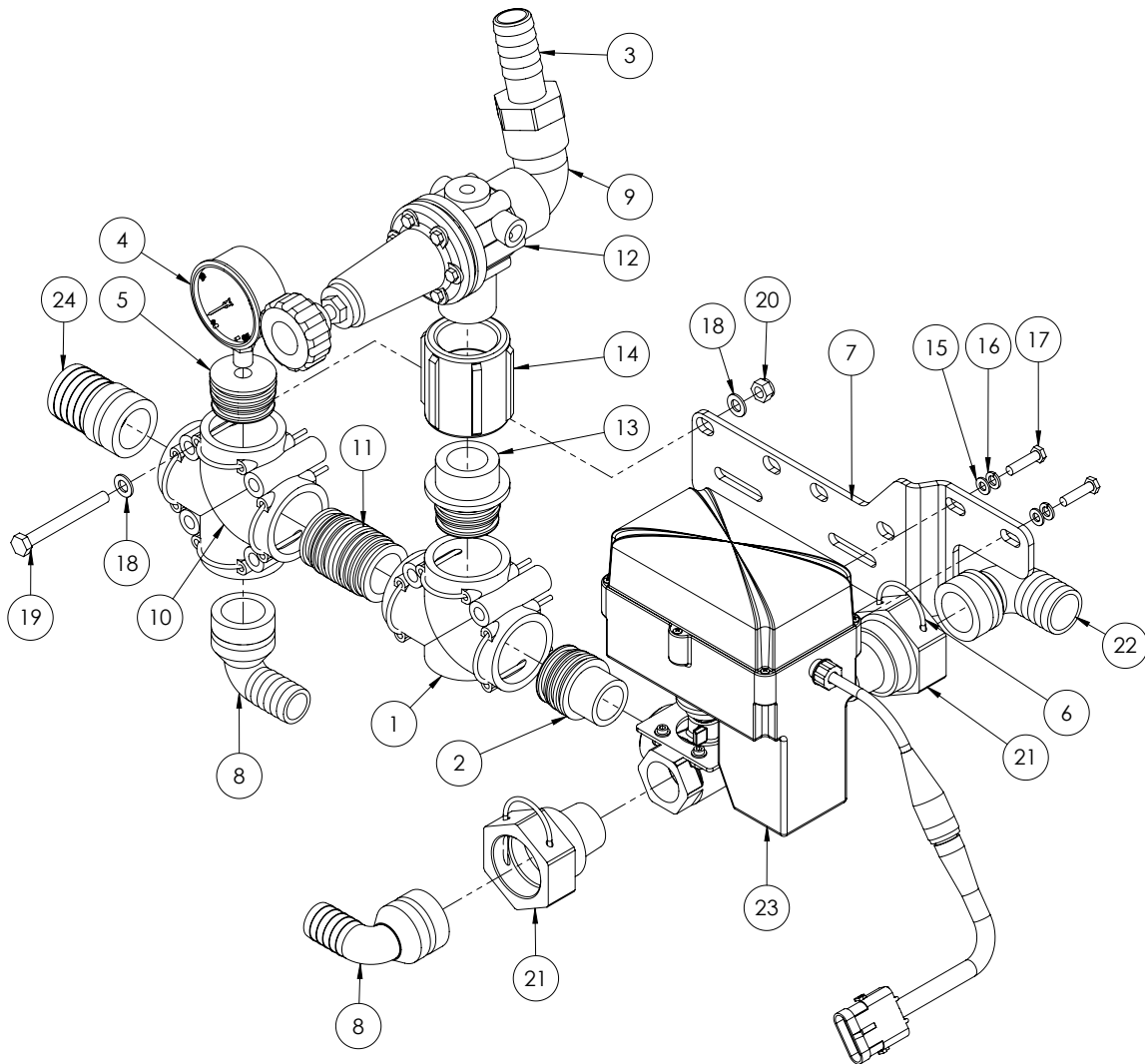
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	AAB126ML-F75-80	Flange filter with 80 Mesh screen	1
	CP15941-4-SSPP	80 mesh filter screen	
2	AAB126ML-F75-100	Flange filter with 100 Mesh screen	1
	CP15941-5-SSPP	100 mesh filter screen	
3	GA5009335	Gasket Kamlock Nitrile 1 1/2" FIT 150	3
4	FC200	Clamp, Worm screw, Use with 2 standard flange port	3
5	GA5003643	Washer 8mm SS HD Flat	8
6	CP48656	Pressure Filter bowl o-ring (square)	2
7	M200125BRB90	2" Manifold x 1 1/4" Barb 90 Degree	1
8	M200125BRB	1 1/4" Hose barb to flange	1
9	GA5011503	Bolt M8 x 140mm	4
10	GA5004917	Nut M8 Nyloc	4
11	GA5067620	Ball Valve, 1" Male / Female, Tee Handle, Brass	2

Suction Filter Assembly



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	317072	2" Suction filter	1
2	SL200-90	Street Elbow 2"	2
3	RB200125	Poly Pipe Reducer Bush 2" x 1 1/4"	1
4	HBI25-90	90 Degree Poly Hose Barb Elbow 1 1/4"	1
5	2502070	Nipple 2" Symmetric (with leadin edge for o-ring)	1
6	2002070	Fly Nut 2"	2
7	116752	Elbow D.52 for FlyNut 2	2
8	GA5048385	O-ring, 42.5mm x 2.62mm, BS131	6
9	45521117	3-way Ball Valve	1
10	GA5020510	Washer 4mm Flat HD SS	2
11	GA5051040	Bolt M4 x 16 SS A2-70	2
12	GA4552250	Handle Extension Bar suit Arag Tap	1
13	GA4552255	Handle Extension Bar Adaptor Suit Arag Tap	1

Flow Control Valve



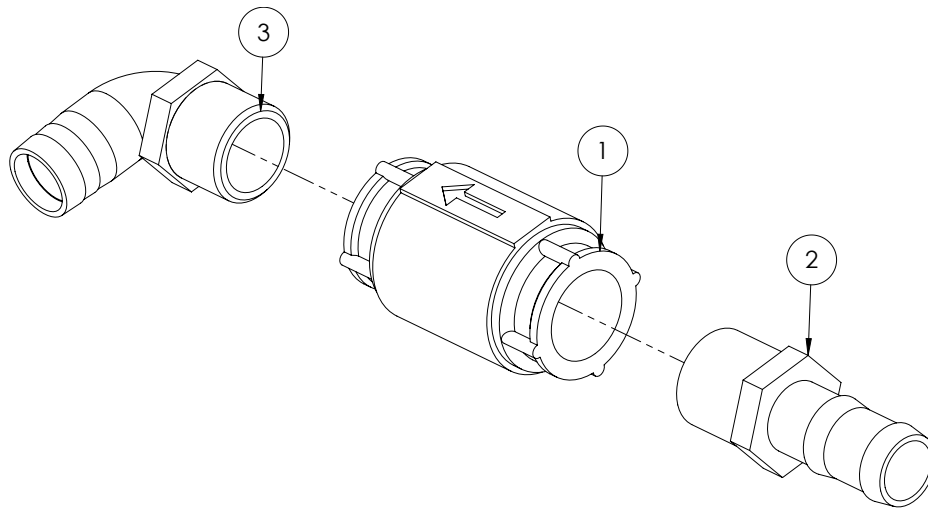
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	GA5065555	T-piece 3xAS40 no M8 inserts	1
2	GA5065600	AS40 to 1" Male Thread	1
3	HBF100	Female Hose Barb 1"	1
4	GA4948470	Small Face Gauge 160 psi	1
5	GA4582160	Dummy plug AS40 G1/4 female	1
6	GA5065690	Safety pin AS40	9
7	GA4534170	Fast-close plumbing bracket suit Atek	1
8	GA5065615	Plug in hose tail AS40/25/90 degree	2
9	SL100-90	Street Elbow 1" Poly	1
10	GA5065565	Cross piece 4xAS40	1
11	GA5065735	Plug in hose tail AS40/AS40	1
12	200016	Safety valve 1" Red 15 bar polmac	1
13	GA5065595	AS40 to 1 1/4" Male Thread	1
14	CPLG125	Coupling poly 1 1/4"	1

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Flow Control Valve

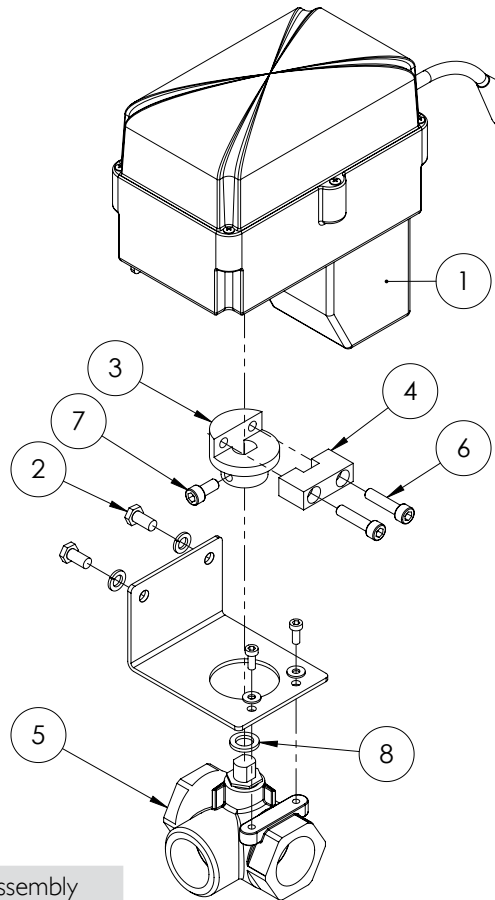
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
15	GA5004437	Washer 6mm Flat SS	2
16	GA5004447	Washer 6mm Spring SS	2
17	GA5006155	Set Screw 1/4" x 1" ZP GR8	2
18	GA5003643	Washer 8mm Flat SS HD	2
19	GA5052600	Bolt M8 x 75 SS	1
20	GA5052590	Nut M8 Nyloc SS 316	1
21	GA4582385	Coupling Altek AS40 to 1" NPT male thread	2
22	GA5065620	Plug in hose tail AS40/33/90 degree	1
23	1170171359	Valve Fast Close 1" 3 way & adaptor cable	1
24	GA5065590	Plug in hose tail AS40/39	1

Check Valve Assembly, Fresh Water Tank



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	GA5017361	Non return valve 1 1/4"	1
2	HB125	1 1/4" MPT x 1 1/4" Hose Shank	1
3	HB125-90	90 degree Poly Hose Barb Elbow 1 1/4"	1

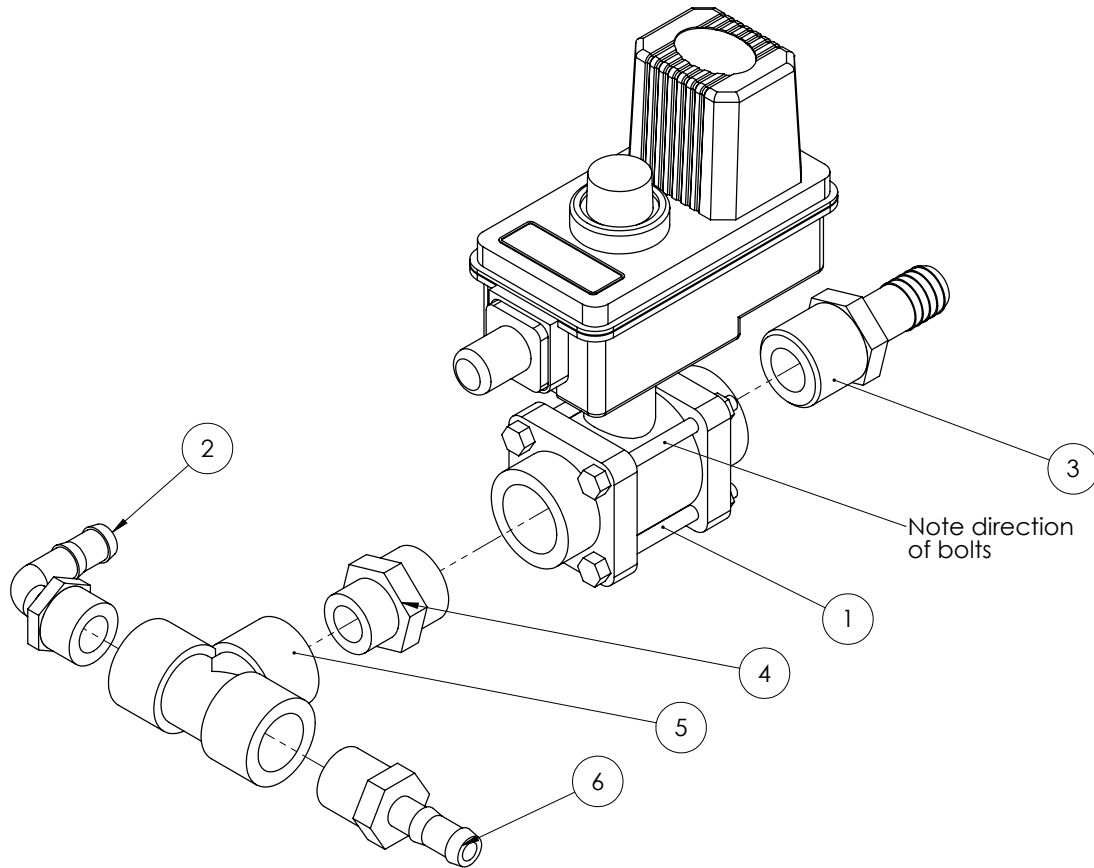
Fast Close Valve 1" 3 Way



117017359 Complete Assembly

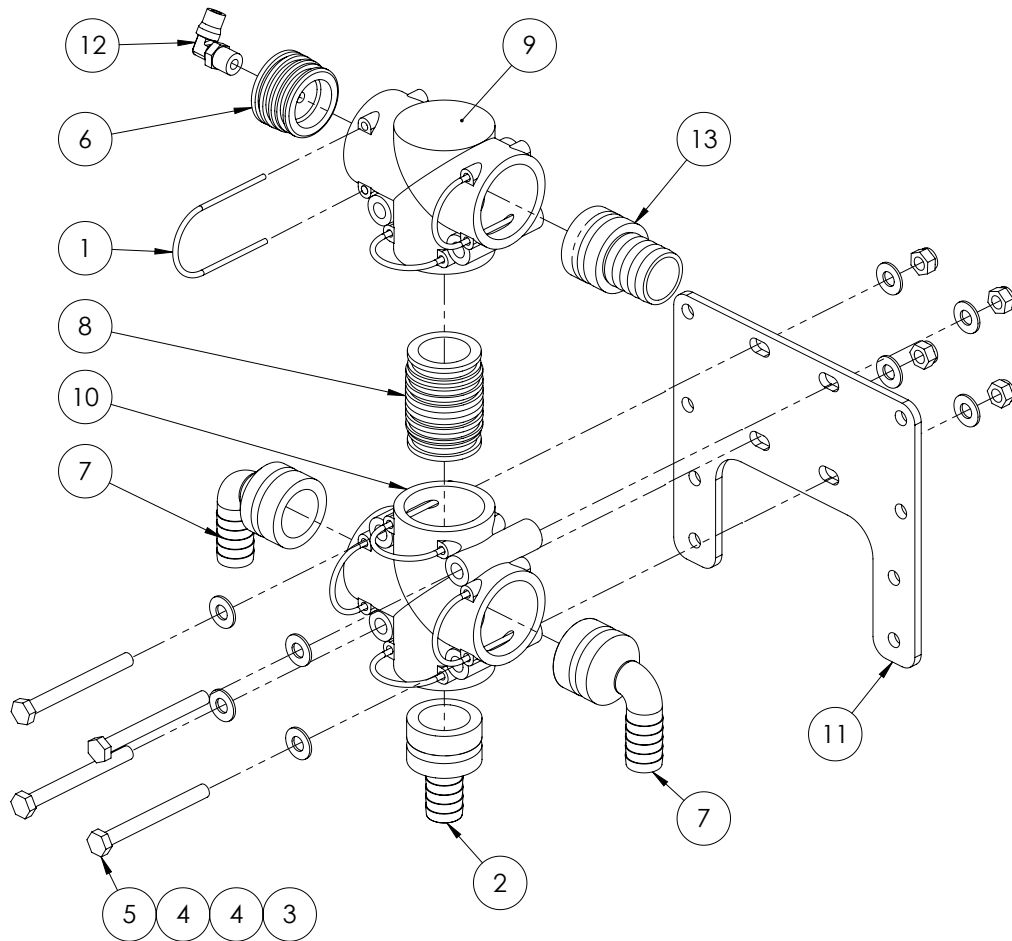
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	1170171360	Motor assembly includes fast valve and adaptor harness 1150171967 (rev A) and motor 0630172982 (rev C)	1
2	3110050201	Bolt Hex 1/4" - 20 x 1/2"	2
3	1070171397	Coupler 1" 3 way	1
4	1070171394	Clamp coupler	1
5	3340002043	1" 3 way ball valve SS	1
6	3110068068	Cap screw 1/4" -20 x 1"	2
7	3110068064	Cap screw 1/4" -20 x 1/2"	1
8	2190000123	Graphite seal	1
	1150171967	Cable adaptor suit fast close valve	1
	0630172982	Motor assembly fast close valve	

Rapid Flow Valve



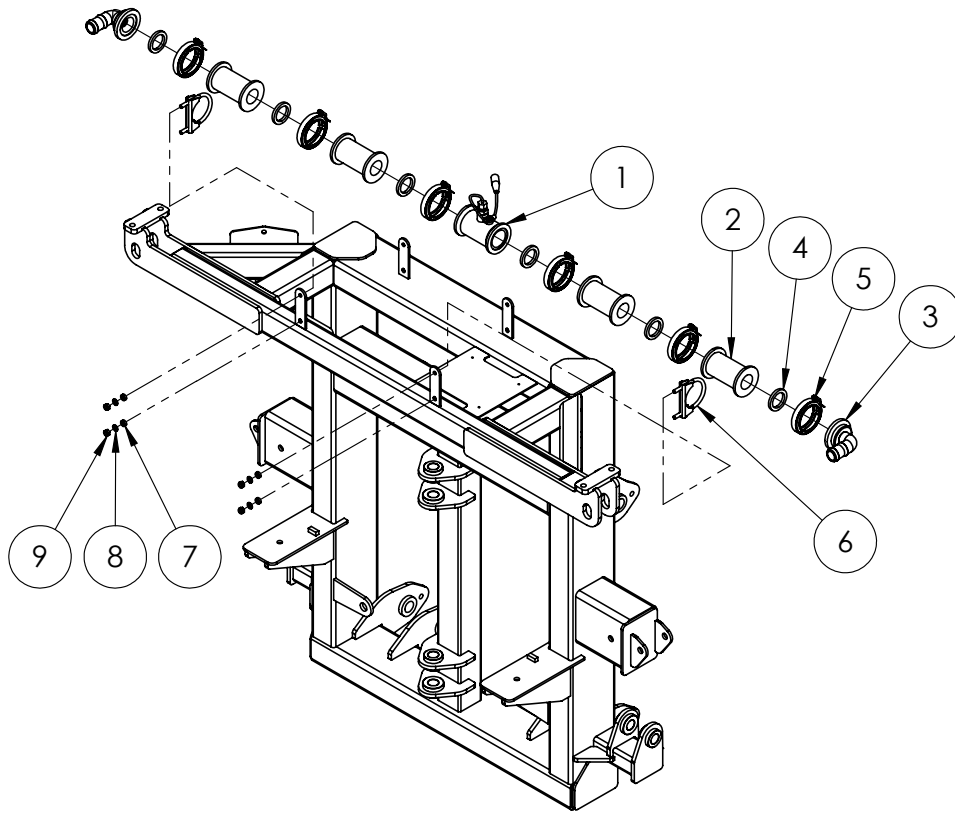
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	B344BEC-24-C	Electric shutoff valve 2 way 1" BSP	1
2	HB075/050-90	Elbow male 3/4" thread 1/2" barb	1
3	HB100-075	1" male thread x 3/4" barb	1
4	RN100075	Reducing nipple 1" to 3/4"	1
5	TEE075	Tee female 3/4"	1
6	HB075-050	Straight Hose Barb 3/4" x 1/2"	1

RapidFire Pressure Flow Distributor RAVEN



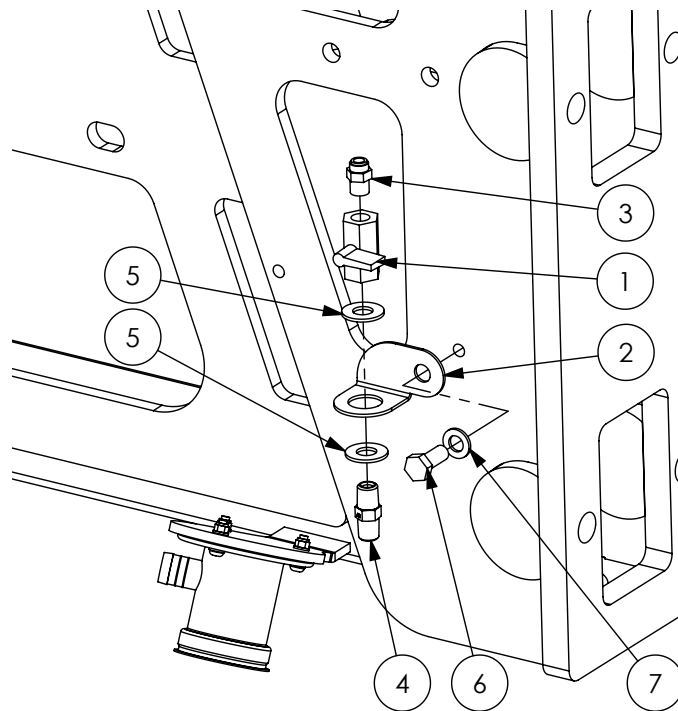
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	GA5065690	Safety pin AS40	7
2	GA5065575	Plug in hose tail AS40/20	1
3	GA5004917	Nut M8 Nyloc	4
4	GA5003643	Washer 8mm Flat HD	8
5	GA5004749	Bolt M8 x 80	4
6	GA4582160	Dummy plug AS40 G1/4 female	1
7	GA5065610	Plug in hose tail AS40/20/90 degree	2
8	GA5065735	Plug in hose tail AS40/AS40	1
9	GA5065560	T-piece 3 x AS40 M8 inserts	1
10	GA5065565	Cross piece 4 x AS40	1
11	GA4522640	Rear Altek fitting mount	1
12	GA5016233	Elbow - Swivel 6mm x 1/4"	1
13	GA5065585	Plug in hose tail AS40/33	1
	GA5004383	Tube, Nylon, 6mm, Black	

Flow Meter - Raven Controller



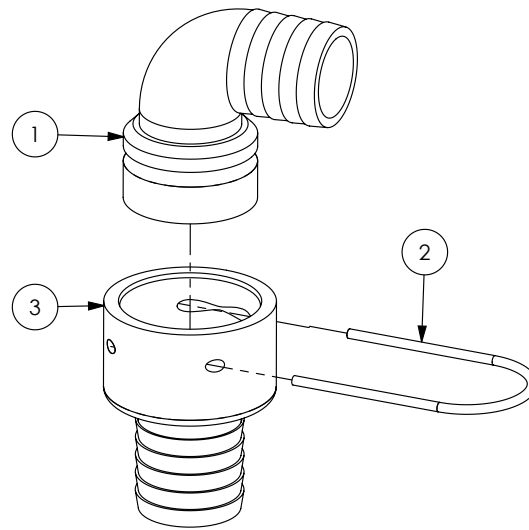
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
	0630171793	Flowmeter, RFM60P, Raven	1
1	106-0159-514	Flow meter body	-
	063-0171-669	Flow meter sensor	-
2	M200CPG	2" Flanged spacer	4
3	M200125BRB90	2" Manifold x 1 1/4" Barb 90 Degree	2
4	GA5009335	Gasket Kamlock Nitrile 1 1/2" FIT 150	6
5	FC200	Clamp, Worm screw, Use with 2 standard flange port	6
6	GA5006689	Exhaust clamp - 66mm C12	2
7	GA4552080	Crush tube 10.2 x 15 x 5mm	4
8	GA5003643	Washer 8mm Flat SS HD	4
9	GA5052590	Nut M8 Nyloc SS 316	4

Pressure Gauge Drain



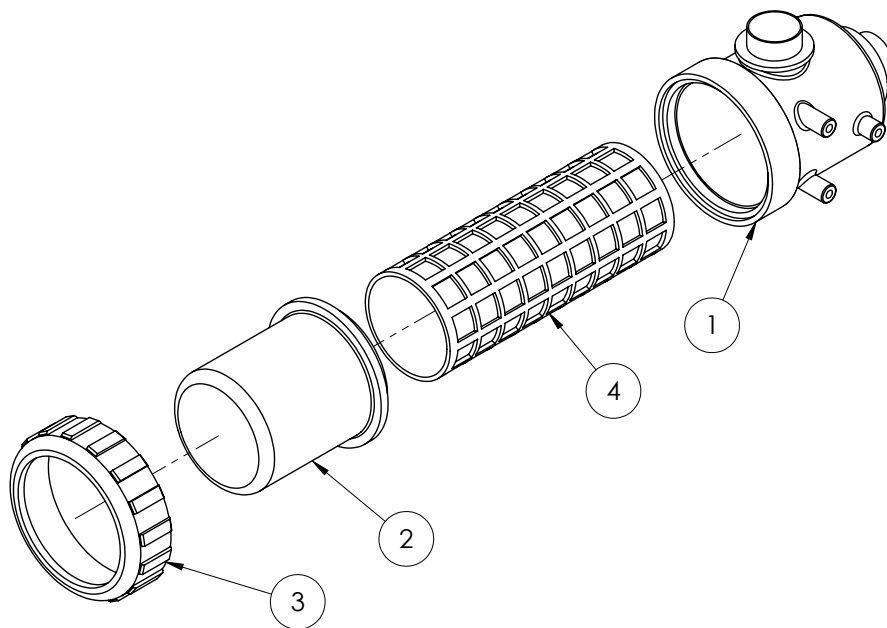
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	GA5018321	1/4" Ball valve SS FF	1
2	GA4504980	Sump Drain Mounting Plate Bent	1
3	GA5045140v	Adapter Brass 1/4" x 6mm BSP	1
4	S27-0404	Hydraulic adaptor, Nipple, 1/4" BSP x 1/4" BSP	1
5	GA5017673	Washer 1/2" Flat ZP Heavy Duty	2
6	GA5066162	Bolt M10 x 25 SS	1
7	GA5000117	Washer 10mm Flat SS Heavy Duty	1

Elbow - Main Product Line



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	GA5065620	Plug in hose tail AS40/33/90 degree	1
2	GA5065690	Safety pin AS40	1
3	GA5065655	Hose barb, Straight, AS40 female x 33mm hose	1

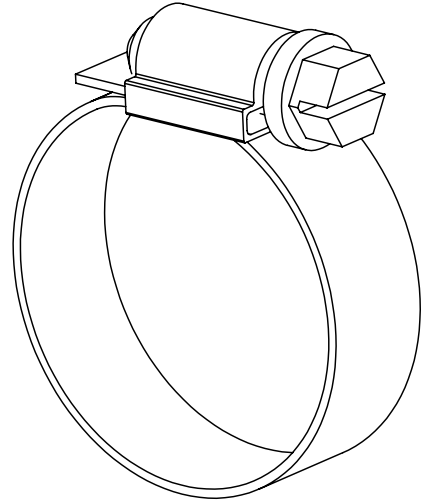
Suction Filter



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	316070.01	317 filter body	1
2	317000.02	317 filter bowl	1
3	316000.04	317 filter nut	1
4	3172002.030	32 Mesh Screen (Red - fitted)	1
	317003.030	50 Mesh Screen (Blue)	

Hose Clamps

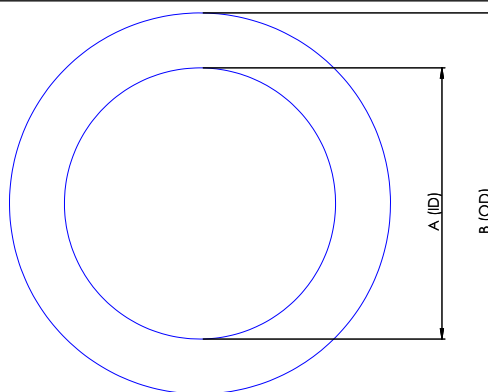
PART NUMBER	DESCRIPTION
GA5004865	8-16mm Hose Clamp
GA5000469	12-20mm Hose Clamp
GA5000999	16-25mm Hose Clamp
GA5001681	20-32mm Hose Clamp
GA5002783	30-45mm Hose Clamp
GA5002873	32-50mm Hose Clamp
GA5003325	40-60mm Hose Clamp
GA5016815	50-70mm Hose Clamp
GA5004241	60-80mm Hose Clamp



Cable Ties

PART NUMBER	DESCRIPTION	QTY
GA5002173	Cable Tie, Black, 100x2.5mm	1000
GA5003517	Cable Tie, Black, 140x3.5mm	1000
GA5004455	Cable Tie, Black, 190x4.5mm	1000
GA5000685	Cable Tie, Black, 320x7.5mm	100
GA5000687	Cable Tie, Black, 360x4.5mm	100
GA5021235	Cable Tie, Black, 540x7.5mm	100

Hoses



Suction Hose

Part No	Description	Internal Diameter (A)	Outside Diameter (B)
HOS20S	20mm Suction Hose	20mm	32mm
HOS25S	25mm Suction Hose	25mm	35mm
HOS32S	32mm Suction Hose	32mm	45mm
HOS38S	38mm Suction Hose	38mm	48mm
HOS51S	51mm Suction Hose	51mm	63mm
HOS63S	63mm Suction Hose	63mm	76mm
HOS75S	75mm Suction Hose	75mm	93mm

Suction hose can be defined by its external green stripe and wire reinforcement

Pressure Hose

Part No	Description	Internal Diameter (A)	Outside Diameter (B)
HOS7P	7mm Pressure Hose	7mm	12.5mm
HOS13P	13mm Pressure Hose	13mm	20mm
HOS20P	20mm Pressure Hose	20mm	28mm
HOS25P	25mm Pressure Hose	25mm	34mm
HOS32P	32mm Pressure Hose	32mm	43mm
HOS38P	38mm Pressure Hose	38mm	48mm

Pressure hose can be defined by its blue internal layer

PVC Hose

Part No	Description	Internal Diameter (A)	Outside Diameter (B)
HOS25PVC	25mm PVC Hose	25mm	32mm
HOS40PVC	40mm PVC Hose	40mm	50mm
HOS50PVC	50mm PVC Hose	50mm	58mm

PVC Hose can be defined by its ribbed outside finish

Sight Tube Hose

Part No	Description	Internal Diameter (A)	Outside Diameter (B)
HOS12SIGHT	12mm Clear Sight Tube Hose		
HOS12WSIGHT	12mm Clear Sight Tube Hose with wire		

Lay Flat Hose

Part No	Description	Internal Diameter (A)	Outside Diameter (B)
GA5021395	50mm Blue Lay flat Hose		