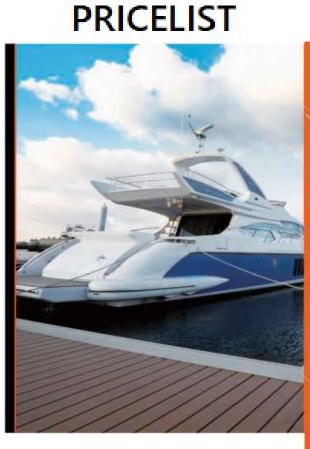


# Make water work for you

2021 MARINE & RV







(€ Rohs ISO 9001:2015 ISO 8849 ISO8846 🗫 👀 SGS



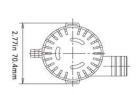
Welshpool Head Office 89 Pilbara Street Welshpool WA 6106 Tel: +61 8 6163 3626 Fax: +61 8 6163 3630 sales@westatehose.com.au O'Connor Branch 117 Garling St O'Connor WA 6163 Tel: +61 8 9314 1833 Fax: +61 8 9314 1176 oconnor@westatehose.com.au

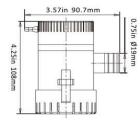
## **NON - AUTOMATIC BILGE PUMPS**

Model	Flow Rate	Voltage	Head	Outlet Dia	Ctn Qty	List Price
SFBP1-G500-01	30.3L/M	12 V	3m	3/4" (19mm)	40	\$27.70







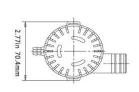


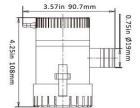


Model	Flow Rate	Voltage	Head	Outlet Dia	Ctn Qty	List Price
SFBP1-G750-01	45.4L/M	12 V	3m	3/4" (19mm)	40	\$35.20
SFBP2-G750-01	45.4L/M	24 V	3m	3/4" (19mm)	40	\$35.20







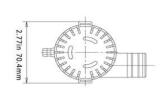


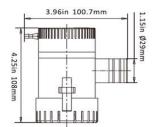


Model	Flow Rate	Voltage	Head	Outlet Dia	Ctn Qty	List Price
SFBP1-G1100-01	66.5L/M	12 V	4m	1 1/8" (28mm)	40	\$45.30
SFBP2-G1100-01	66.5L/M	24V	4m	1 1/8" (28mm)	40	\$45.30







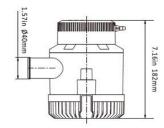


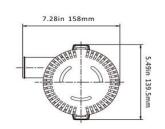


Model	Flow Rate	Voltage	Head	Outlet Dia	Ctn Qty	List Price
SFBP1-G3500-01	211 L/M	12V	7m	1 1/2" (40mm)	8	\$319.00







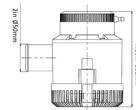


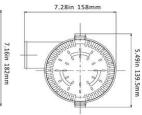


Model	Flow Rate	Voltage	Head	Outlet Dia	Ctn Qty	List Price
SFBP1-G4700-01	296.5L/M	12V	8m	2" (50mm)	8	\$345.00











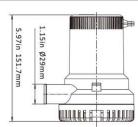
Current from 15/10/2021

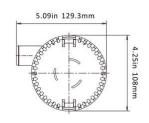
## **NON - AUTOMATIC BILGE PUMPS**

Model	Flow Rate	Voltage	Head	Outlet Dia	Ctn Qty	List Price
SFBP1-G1500-01	90.8L/M	12 V	5m	1 1/8" (28mm)	16	\$107.50
SFBP2-G1500-01	90.8L/M	24 V	5m	1 1/8" (28mm)	16	\$107.50







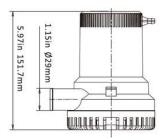


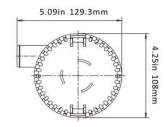


Model	Flow Rate	Voltage	Head	Outlet Dia	Ctn Qty	List Price
SFBP1-G2000-01	121L/M	12 V	8m	1 1/8" (28mm)	16	\$118.15
SFBP2-G2000-01	121L/M	24 V	8m	1 1/8" (28mm)	16	\$118.15









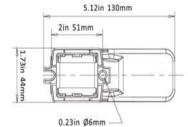


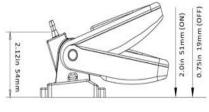
# **FLOAT SWITCH**

Model	Wire Length	Voltage	Water Level	Ctn Qty	List Price
SFBS-20-01	1m	12 V & 24 V	2" (51mm)	48	\$46.60







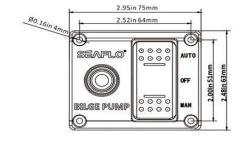


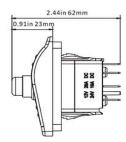
### 3 - WAY SWITCH

Model	Voltage	LED Light	Panel Material	Ctn Qty	List Price
SFSP-015-02	12 V & 24 V	YES	Aluminium	45	\$69.20









# **BATTERY ISOLATOR SWITCH**

Model	Max Voltage	AMP Draw	Max AMP	Switch Positon	Ctn Qty	List Price
SFCBS-275-201	50 V	275A	1250A	2	45	\$34.00





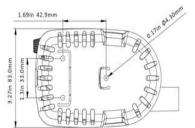


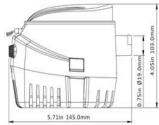
### **AUTOMATIC BILGE PUMPS**

Model	Flow Rate	Voltage	Head	Outlet Dia	Ctn Qty	List Price
SFBP1-G750-06	45.4 L/M	12 V	3m	3/4" (19mm)	20	\$85.50
SFBP2-G750-06	45.4 L/M	24 V	3m	3/4" (19mm)	20	\$85.50







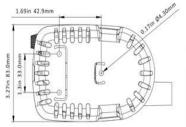


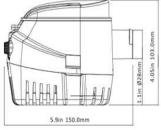


Model	Flow Rate	Voltage	Head	Outlet Dia	Ctn Qty	List Price
SFBP1-G1100-06	66.5 L/M	12 V	3m	1 1/8" (29mm)	20	\$96.90
SFBP2-G1100-06	66.5 L/M	24 V	3m	1 1/8" (29mm)	20	\$96.90





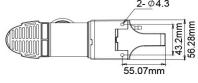


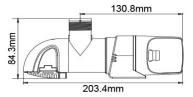




Model	Flow Rate	Voltage	Head	Outlet Dia	Ctn Qty	List Price
SFBP1-G1100-14A	66.5 L/M	12 V	4m	3/4"(19mm), 1" (25mm)	20	\$130.45
SFBP2-G1100-14A	66.5 L/M	24 V	4m	& 1 1/8" (29mm)	20	\$130.45







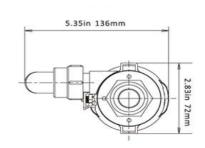


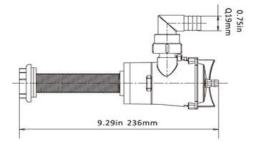
## LIVE WELL PUMP

Model	Flow Rate	Voltage	Head	Outlet Dia	Ctn Qty	List Price
SFBP1-G800-04	61L/M	12 V	4m	3/4" (19mm)	20	\$52.85





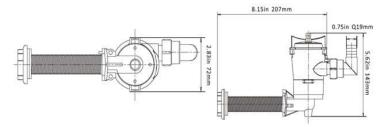




Model	Flow Rate	Voltage	Head	Outlet Dia	Ctn Qty	List Price
SFBP1-G800-05	61L/M	12 V	4m	3/4" (19mm)	20	\$52.85





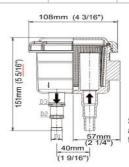


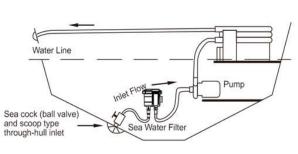
## SEA WATER FILTERS

Model	Output Size	Hose Size	Recommended Input	Ctn Qty	List Price
	12.7mm (1/2")	13mm	23L/min		
SF-SWF002	15.9mm (5/8")	16mm	35L/min	40	\$38.60
	19.1mm (3/4")	19mm	51L/min		





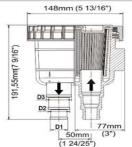


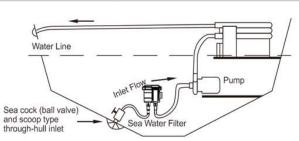


Model	Output Size	Hose Size	Recommended Input	Ctn Qty	List Price
	25.4mm (1")	25mm	91L/min		
SF-SWF001	31.8mm (1-1/4")	32mm	143L/min	24	\$85.65
	38.1mm (1-1/2")	38mm	200L/min		









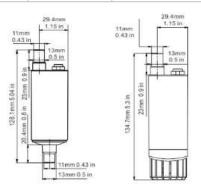
# SUBMERSIBLE PUMPS

Model	Flow Rate	Voltage	Wire	Outlet Dia	Ctn Qty	List Price
SFSP1-G200-03	11.7L/M	12 V	1 m	1/2" (12mm)	20	\$54.35

Flow	11 a a al/N 4)
LPH	Head(M)
707	0
575	1
389	2
317	3
174	4
0	5



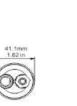


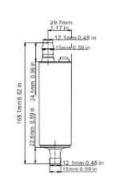


Model	Flow Rate	Voltage	Wire	Outlet Dia	Ctn Qty	List Price
SFSP1-G280-02A	17.6 L/M	12 V	5 m	1/2" (12mm)	15	\$106.25

Flow	Head(M)		
LPH	i ieau(ivi)		
1006	0		
855	1		
662	2		
503	3		
408	4		
249	5		
0	6		





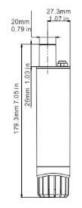


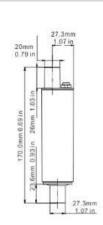
Model	Flow Rate	Voltage	Wire	Outlet Dia	Ctn Qty	List Price
SFSP1-G500-02A	31.0 L/M	12 V	5 m	3/4' (19mm)	15	\$135.90

Flow LPH	Head(M)
1862	0
1510	1
1434	2
1203	3
961	4
635	5
121	6
0	7









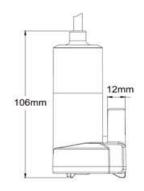
## SUBMERSIBLE PUMPS

Model	Flow Rate	Voltage	Wire	Outlet Dia	Ctn Qty	List Price
SFSP1-L016-01	16L/M	12 V	3 m	1/2" (12mm)	90	\$45.30

Flow LPH	Head(M)
700	1
500	2
439	3
325	4
167	5
0	5.5



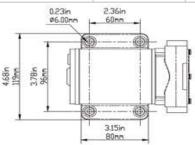


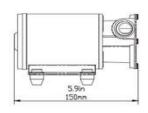


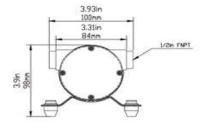
### **TRANSFER PUMP**

Model	Flow Rate	Voltage	Ports	Ctn Qty	List Price
SFSP1-080-003-01	30L/M	12 V	1/2' NPT Female	8	\$270.30
SFSP2-080-003-02	30L/M	24 V	1/2' NPT Female	8	\$270.30





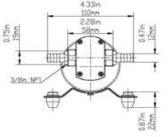


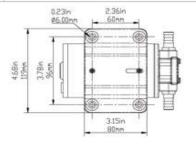


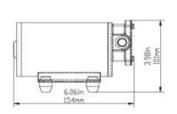
# **GEAR PUMP**

Model	Flow Rate	Voltage	Ports	Ctn Qty	List Price
SFGP1-032-003-01	12L/M	12 V	1/2' NPT Female	8	\$270.30
SFGP2-032-003-01	12L/M	24 V	1/2' NPT Female	8	\$270.30







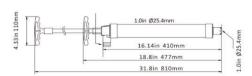


## PISTON HAND PUMP

Model	Hose	Length		Ctn Qty	List Price
SFPH-H950-01	1' (25mm)	.5 m	Suction Lift 1 m	10	\$38.95





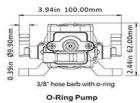


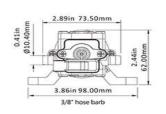
### **DIAPHRAGM PUMPS**

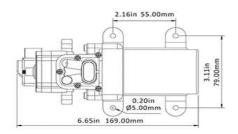
Model	Voltage Flow Rate		Shut Off Pressure PSI/Bar	Wire Connection	Ctn Qty	List Price
SFDP1-010-040-21	12 V	3.8L/M	40 / 2.8	2-Pin/Leads	30	\$59.10

Supplied with 3/8" & 1/2' Barbs





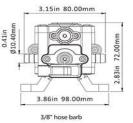


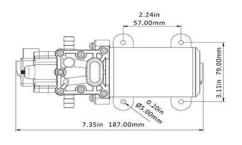


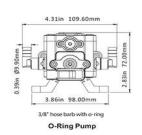
Model	Voltage	Flow Rate	Shut Off Pressure PSI/Bar	Wire Connection	Ctn Qty	List Price
SFDP1-013-100-22	12 V	5 L/M	100 / 6.9	2-Pin/Leads	18	\$106.00
SFDP1-013-060-22	12 V	5 L/M	60 / 4.2	2-Pin/Leads	18	\$106.00

Supplied with 3/8" & 1/2' Barbs





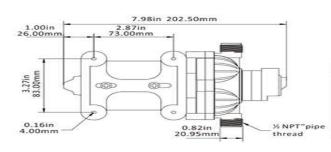


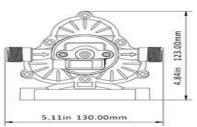


Model	Voltage	Flow Rate	Shut Off Pressure PSI/Bar	Wire Connection	Ctn Qty	List Price
SFDP1-030-045-33	12 V	11.6 L/M	45 / 3.1	2-Pin/Leads	8	\$159.45

Male NPT Ports



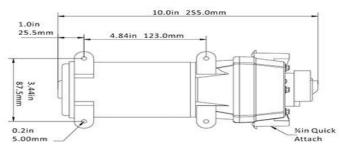


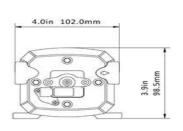


Model	Voltage	Flow Rate	Shut Off Pressure PSI/Bar	Wire Connection	Ctn Qty	List Price
SFDP1-045-040-41	12 V	17 L/M	40 / 2.8	2-Pin/Leads	10	\$201.15
SFDP2-045-040-41	24 V	17 L/M	40 / 2.8	2-Pin/Leads	10	\$201.15

3/4' Quick Attach x 1/2" Hose Barb





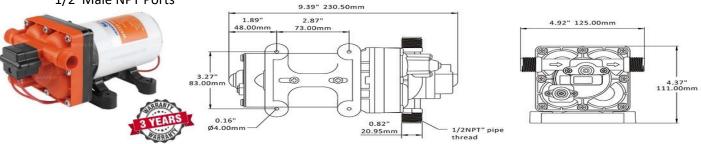


Current from 15/10/2021

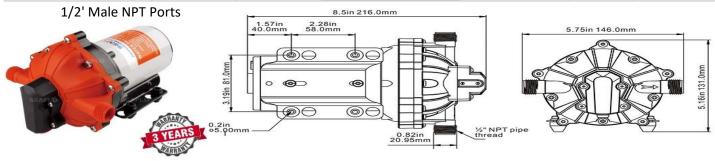
### **DIAPHRAGM PUMPS**

Model	Voltage	Flow Rate	Shut Off Pressure PSI/Bar	Wire Connection	Ctn Qty	List Price
RV1-030-055-42	12 V	9.5 L/M	55 / 3.8	2-Pin/Leads	8	\$188.50
RV2-030-055-42	24 V	9.5 L/M	55 / 3.8	2-Pin/Leads	8	\$188.50

1/2' Male NPT Ports



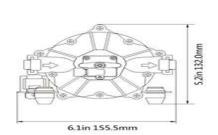
Model	Voltage	Flow Rate	Shut Off Pressure PSI/Bar	Wire Connection	Ctn Qty	List Price
SFDP1-050-070-51X	12 V	18.9 L/M	70 / 4.8	2-Pin/Leads	6	\$259.95
SFDP2-050-070-51X	24 V	18.9 L/M	70 / 4.8	2-Pin/Leads	6	\$259.95



Model	Voltage	Flow Rate	Shut Off Pressure PSI/Bar	Wire Connection	Ctn Qty	List Price
SFDP1-070-060-53	12 V	26.5 L/M	60 / 4.2	2-Pin/Leads	4	\$480.90

3/4' Quick Attach x 1/2" Hose Barb







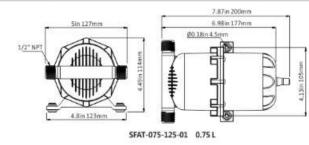


### **PRESSURE ACCUMUATOR**

Model	Volume	Max Operating	Pre-Charge PSI/Bar	Inlet / Outlet	Ctn Qty	List Price
SFAT-075-125-01	.75 L	8.6 L/M	10 / 0.7	1/2" NPT Male	24	\$75.45





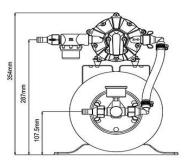


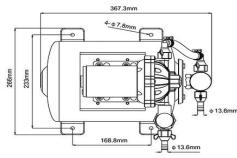
### PUMP ACCUMUATOR PRESSURE BOOST SYSTEM

Model	Tank Volume	Voltage	Control Type	Open Flow (LPM)	Pressure On PSI/BAR	Pressure Off PSI / BAR	List Price
SFWSK1-030-060-021	8L	12V	Switch	11.5 L/M	20 / 1.4	60 / 4.2	\$446.08
SFWSK1-050-060-021	8L	12V	Switch	18.9 L/M	20 / 1.4	60 / 4.2	\$446.08









FEATURES & BENEFITS



#### **FEATURES & BENEFITS**

- Smoother flow, quieter water systems.
- Maintenance free potable water quality accumulator tank.
- Five chamber diaphragms for smooth and quiet operation.

### **WASHDOWN**

Model	Voltage	Flow Rate	Shut Off Pressure PSI/Bar	Wire Connection	Ctn Qty	List Price
SFWP1-050-070-51X	12 V	18.9 L/M	70 / 4.8	2-Pin/Leads	4	\$337.70
SFWP2-050-070-51X	24 V	18.9 L/M	70 / 4.8	2-Pin/Leads	4	\$337.70

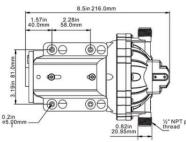
#### **Includes**

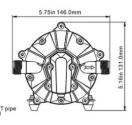
18.9LPM Heavy Duty Washdown Pump Trigger spray nozzle w/ Quick Connect 7.5m UV-protected coiled hose Quick Hose disconnect fitting

Inlet Strainer 1/2' Barbed Fittings









Model	Voltage	Flow Rate	Shut Off Pressure PSI/Bar	Wire Connection	Ctn Qty	List Price
SFWP1-045-070-41	12 V	17 L/M	70 / 4.8	2-Pin/Leads	3	\$345.65

#### **Features & Benefits**

6m UV-Protected coiled hose 2m Inlet hose with filter

Cigarette Lighter Plug in Adjustable Spray

Easy to use, store and carry on Smooth Flowing









Model	Ctn Qty	List Price
SFHW2-060-01	8	\$62.90

#### **Includes**

6m x 1/2" UV-Protected coiled hose

Trigger spray nozzle w/ Quick Connect fittings





# **PUMP ACCESSORIES**



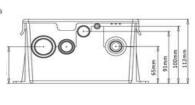
34	WP-KA-MOOM! 21-KB-23-IMOOM! 21-KB-277-IMOOM!	
Code	Description	List Price
SF-51F01	51 Series 1/2" NPT F x 1/2" Hose Barb	\$5.50
SF-51F02	51 Series 1/2" NPT F x 3/8" Hose Barb	\$5.50
SF-51F03	51 Series 1/2" NPT F x 1/2" Hose Barb 90°	\$5.50
SF-51F04	51 Series 1/2" NPT F x 1/2" NPT Elbow 90°	\$5.50
SF-51F05	51 Series 1/2" NPT F x 3/8" Hose Barb 90°	\$5.50
SF-21F001	21-22 Series 90° 3/8"	\$1.60
SF-21F002	21-22 Series 90° 1/2"	\$1.60
SF-41F001	41 Series QA x 90° x 1/2" Elbow	\$5.50
SF-41F002	41 Series QA x 90° x 1/2" NPT Elbow	\$5.50
SF-41F003	41 Series QA x 1/2" Hose Barb	\$5.50
SF-41F004	41 Series QA x 1/2" NPT	\$5.50
SF-51S01	51 Series 1/2" NPT M & F Inline Filter	\$18.85
SFPS35	Pressure Switch 35PSI 20 Amp	\$21.30
SFPS40	Pressure Switch 40PSI 20 Amp	\$21.30
SFPS45	Pressure Switch 45PSI 20 Amp	\$21.30
SFPS55	Pressure Switch 55PSI 20 Amp	\$26.46
SFPS70X	Pressure Switch 70PSI 20 Amp	\$26.46
SFRB-RV-MOUNT	Thermoplastic Base to suit RV Supreme	\$18.35
SFRB-33-MOUNT	Metal Base to suit 33 Series pump	\$18.35
SFRB-51X-MOUNT	Metal Base to suit 51X Series pump	\$18.35
	Current from 15/10/2021	

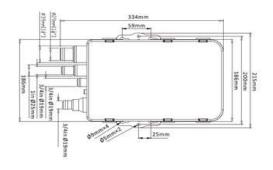
Current from 15/10/2021

# SHOWER SUMP

Model	Voltage	Flow Rate	Head	Outlet	Wire Lead	Ctn Qty	List Price
SFBP1-G750-07	12 V	47.3 L/M	3 m	3/4" (19mm)	1 m	9	\$152.10
SFBP2-G750-07	24V	47.3 L/M	3 m	3/4" (19mm)	1 m	9	\$152.10





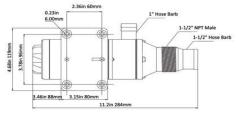


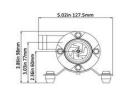
## **MACERATOR PUMP**

Model	Voltage	Flow Rate	Outlet	Inlet	Ctn Qty	List Price
SFMP1-120-01	12 V	45 L/M	1" Barb	1 1/2" MNPT	10	244.45









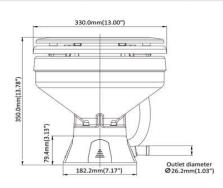
# TOILET

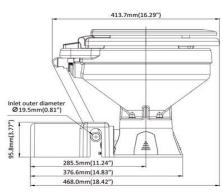
Model	Voltage	Size	Outlet	Inlet	Ctn Qty	List Price
SFMTE1-01-R	12 V	Household	1" Barb	3/4' (19mm)	1	\$570.65
SFMTE2-01-R	24 V	Household	1" Barb	3/4' (19mm)	1	\$570.65

#### **Features**

Built In Macerator Electric Impeller Ceramic Bowl Soft Close Seat







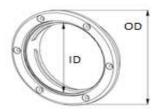
# **HATCHES**

Model	Size inch	ID (mm)	OD (mm)	Color	Ctn Qty	List Price
SFRH1-004-01	4"	101	143	White	80	\$15.90
SFRH1-006-01	6"	151	198	White	40	\$23.50
SFRH1-008-01	8"	180	250	White	40	\$35.20





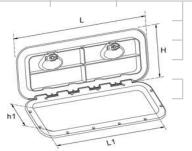




Model	Door Height (H) (mm)	Door Width (L) (mm)	Hatch Height (H1) (mm)	Hatch Width (L1) (mm)	Ctn Qty	List Price
SFRE1-243-607-01	243	607	168	525	10	\$115.65
SFRE1-315-440-01	315	440	240	358	10	\$104.15
SFRE1-353-606-01	353	606	278	524	10	\$143.45
SFRE1-370-375-01	370	375	295	295	10	\$104.75
SFRE1-460-510-01	460	510	383	436	10	\$142.50



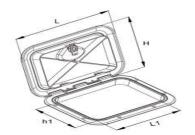




Model	Door Height (H) (mm)	Door Width (L) (mm)	Hatch Height (H1) (mm)	Hatch Width (L1) (mm)	Ctn Qty	List Price
SFRE1-270-375-01	270	375	192	291	10	\$83.80

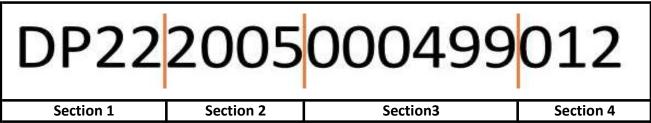






## **Reading A Serial Number**





#### Section 1.

Type of pump and Model. (Diaphragm Pump Model-22 series)

#### Section 2.

Year and month of manufacture (2005 = 2020/05 May)

#### Section 3.

Number in production Batch (No. 000499)

#### Section 4.

Voltage (12Volt 012)

### **Trouble Shooting Guide**

#### 1. Pump will not start or blows the circuit

- \*The first thing would be to look at the electrical circuit. This includes checking the fuse, switch, circuit breaker, and the earth. If you are running off batteries, make sure you are obtaining correct voltage.
- \*Check to see if the pump is hot. It could simply have stopped due to the thermal breaker being triggered. Wait until it cools down.
- \*If your pump has spent the night in below freezing conditions such as those experienced in some parts of alpine Australia, it could be that the water against the pump diaphragm has frozen causing it to seize. Wait for it to thaw.
- \*If you have voltage present at the switch, try bypassing the pressure switch. Does the pump operate?
- \*Check your pump is getting correct voltage.

#### 2. Pump runs but will not prime and splutters

- \*Check the water level of your tank. It is not as silly as it sounds.
- \*It is common that the strainer or inline filter has become clogged with foreign debris. If this happens it will stop the follow of water to the pump. Simply clean or replace the filter If you are using a hot water system, air could have built up within your hot water tank producing an air lock. Release the pressure from your tank, refer to your HWS owner's manual.
- \*Check your plumbing connections. If they have become loose, they could very well be causing a vacuum leak.
- \*Check your hose to make sure no kinks have appeared, and that all your valves are functioning correctly.

#### 3. Pump rapid cycles

- \*The major cause of rapid cycling is restrictive plumbing. This can be restrictive taps and shower heads or kinked hoses.
- \*If you are running a water filter or purifier then this should be installed on a separate line feed. Do not purify all your water.

#### 4. My pump will not shut off or runs when taps are closed

- \*Check your plumbing's pressured side for leaks, dripping taps, or if you have a plumbed
- \*Check your pump is receiving the correct voltage.
- \*Check the pump head screws have not worked loose.
- \*Possible debris is causing valves to stay open.

#### 5. Pump is noisy or running rough

- \*Check plumbing has not worked loose or become kinked
- \*Clean out your strainer from any foreign debris.
- \*Is your pump plumbed using flexible hose and mounted correctly?
- \*Bleed your plumbing system of any air.

# **Trouble Shooting Guide**

SYMPTOM:	Noise	Pump Cycles On-Off-On	Pump Won't Start	Pump Won't Shut Off	Tank Fills on City Water	Pump Starts with Fixtures Closed	Pump Loses Prime	Pump Will Not Prime	Low Flow	Leaks
POSSIBLE CAUSE:										
Kinked Inlet Hose	•							•	•	
Hard Plumbed Pump										
Elbows at Pump	•	•							•	
Pipes Hitting	•							•		
Clogged Tank Outlet	•							•	•	
Clogged Tank Stainer	•			1				•	•	
Clogged/Small I.D. Winterizing Valve	•							•		
Clogged/Small I.D. Shut-Off Valve	•							•	•	
Small I.D. Hose at Pump Inlet	•							•	•	
Pump Too Far From Tank								•	•	
Collapsing/Non-Vacuum-Rated Hose	•							•	•	
Small I.D.Hose at Pump Outlet		•							•	
Inlet Air Leak	•			•	•	•		•		
Air In System	•	1000		•		•	17 37			
Cracked Strainer				•		•				•
Loose Pump Fittings		1		•				3		•
Pipes Banging in System	•									
Kinked Outlet Hose	•	•							•	
Small I.D. Hose at Heater/Toilet	•	•							•	
ontaminated Water/Tank Fill 3-way Valve	•	•		•	•		•	•	•	
Clogged Faucet Aerators	•	•							•	
Flow Restrictors	•	•							•	
Dirty/Worn Pump Valves				•	•	•	•	•	•	
Dirt/Worn Check Valve		100	•		•	•	•			
Bad Drive Assembly	•			•				•	•	
Pinched Main Diaphragm							10000			•
Ruptured Main Diaphragm									•	
Ruptured Switch Diaphragm			•							•
Bad Microswitch	•	•	•	•						
Loose Wire at Switch		10	•							
Loose Pump Screws	•						•			
Leaking Fixtures/Fittings						•	•			
Frozen Pump			•							•
Motor Thermal Overload (Hot Motor)			•							
Low Voltage				•				•	•	
Bad Motor	•		•			11-		•	•	