

Contents

Saltwater Deck Wash Pump Systems

Deck Wash Pump Kits . . . . .	.409 - 411
Deck Wash Pump Accessories . . . . .	.412 - 414

Live Bait Pump Systems

Live Bait & Deck Wash Kits415
--------------------------------------	------

Live Bait Pump Systems

Live Bait Pump Kits . . . . .	.416
Live Bait Pumps. . . . .	.417 - 418
Live Bait Pumps Accessories . . . . .	.419 - 420
Live Bait Pumps Ballast Pumps . . . . .	.420

Fresh Water Pump Systems

Fresh Water Pumps Kits . . . . .	.421
Fresh Water Pumps . . . . .	.422 - 423
Pump Spare Parts . . . . .	.424
Water System Accessories . . . . .	.425

Pump Systems

In-Line, Caravan, Impeller & Gear Pumps426
---	------

Bilge Pump - Manual

Manual Bilge Pump . . . . .	.427 - 429
Manual Bilge Pump Spares & Accessories . . . . .	.430

General Purpose Systems

Non-return Valves . . . . .	.431
Pumps & Accessories . . . . .	.432

Bilge Pump Systems

Bilge Pumps . . . . .	.433 - 436
Float Switches . . . . .	.437
Diaphragm Pump . . . . .	.438
Bilge Pump Strainers . . . . .	.438

Blowers

In Line Blowers . . . . .	.439 - 440
Blowers . . . . .	.440
Flange Mount Blowers . . . . .	.440

Marine Toilets

Electric Toilets . . . . .	.441 - 443, 446
Electric Toilet Spares . . . . .	.442, 444 - 445, 447
Hydrovacuum Toilets . . . . .	.446
Toilet Accessories . . . . .	.447 - 448, 452

Waste Tanks

Waste Tanks & Accessories . . . . .	.449 - 451
Waste Tank Sensor Systems . . . . .	.452
Macerator Pumps . . . . .	.453
Diaphragm Pump . . . . .	.454
Vented Loops . . . . .	.455
Seacocks . . . . .	.456

Hoses & Fittings

General Purpose & Washdown Hoses . . . . .	.457
Drinking Water Hoses . . . . .	.458
Grey Water Hose . . . . .	.459
Bilge Pump Hose . . . . .	.459
Sanitation Hose. . . . .	.460 - 461
Eco Hoses. . . . .	.461

Ventilation Hose . . . . .	.461
Universal Joiners & Quick Connect Fittings . . . . .	.462

Bathroom, Shower & Laundry Fittings

Bathroom Accessories - PVC . . . . .	.463
Bathroom Accessories - Stainless Steel . . . . .	.463 - 464
Cloths Hooks. . . . .	.465
Showers . . . . .	.465 - 466
Bathroom, Laundry Fittings & Accessories. . . . .	.467 - 468

Faucets & Water Filters

Faucets . . . . .	.469 - 470
Water Filters. . . . .	.471

Water Tanks

Fresh Water Tanks.472
----------------------------	------

Sinks & Sink Wastes

Sinks . . . . .	.473 - 474
Sink Wastes . . . . .	.474
Scuppers & Drains. . . . .	.475

Skin Fittings & Thru-Hull Pickups

Skin Fittings . . . . .	.476 - 477
Thru-Hull Pickups . . . . .	.477 - 478
Scoops. . . . .	.479
Strainers . . . . .	.479 - 480

TruDesign

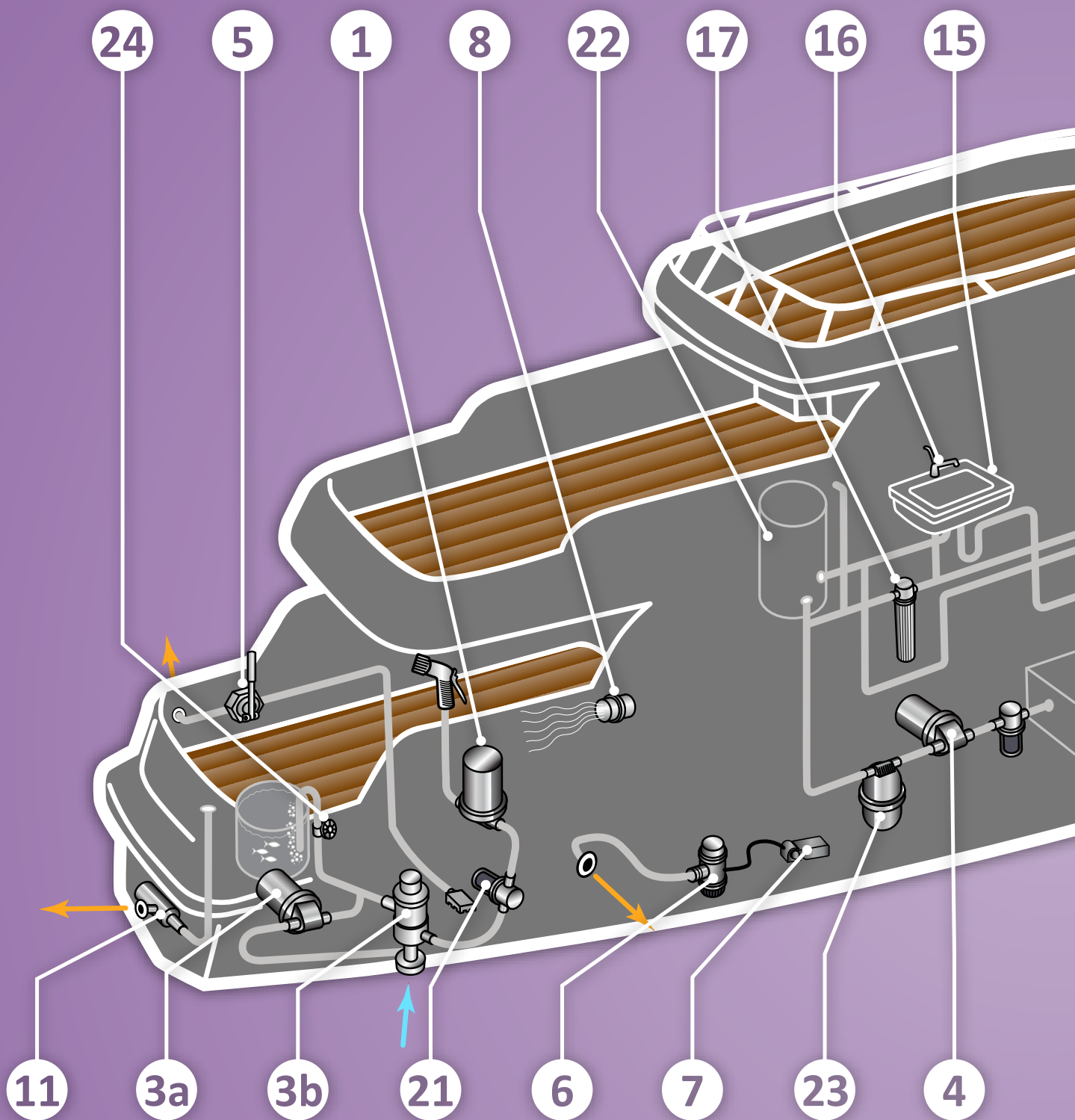
Skin Fittings . . . . .	.483 - 486
Skin Fittings - Long . . . . .	.485
Ball Valves . . . . .	.487
Ball Valve Accessories . . . . .	.488
Connectors . . . . .	.489 - 492
Manifolds. . . . .	.493
Thru-Bulkhead . . . . .	.493
Countersunk Washers . . . . .	.493
Hose Nozzle . . . . .	.494
Hose Clips . . . . .	.494
Aquavalves & Accessories . . . . .	.495 - 497
Vented Loops . . . . .	.498
Scoops & Strainers. . . . .	.499
Aqualarm. . . . .	.499
Tank Fittings. . . . .	.500
Ball Valves . . . . .	.501 - 503
Gate Valves . . . . .	.502
Connectors . . . . .	.503 - 511
Bushes. . . . .	.511
End Caps . . . . .	.512
Tube Holders . . . . .	.512

Hose Clamps

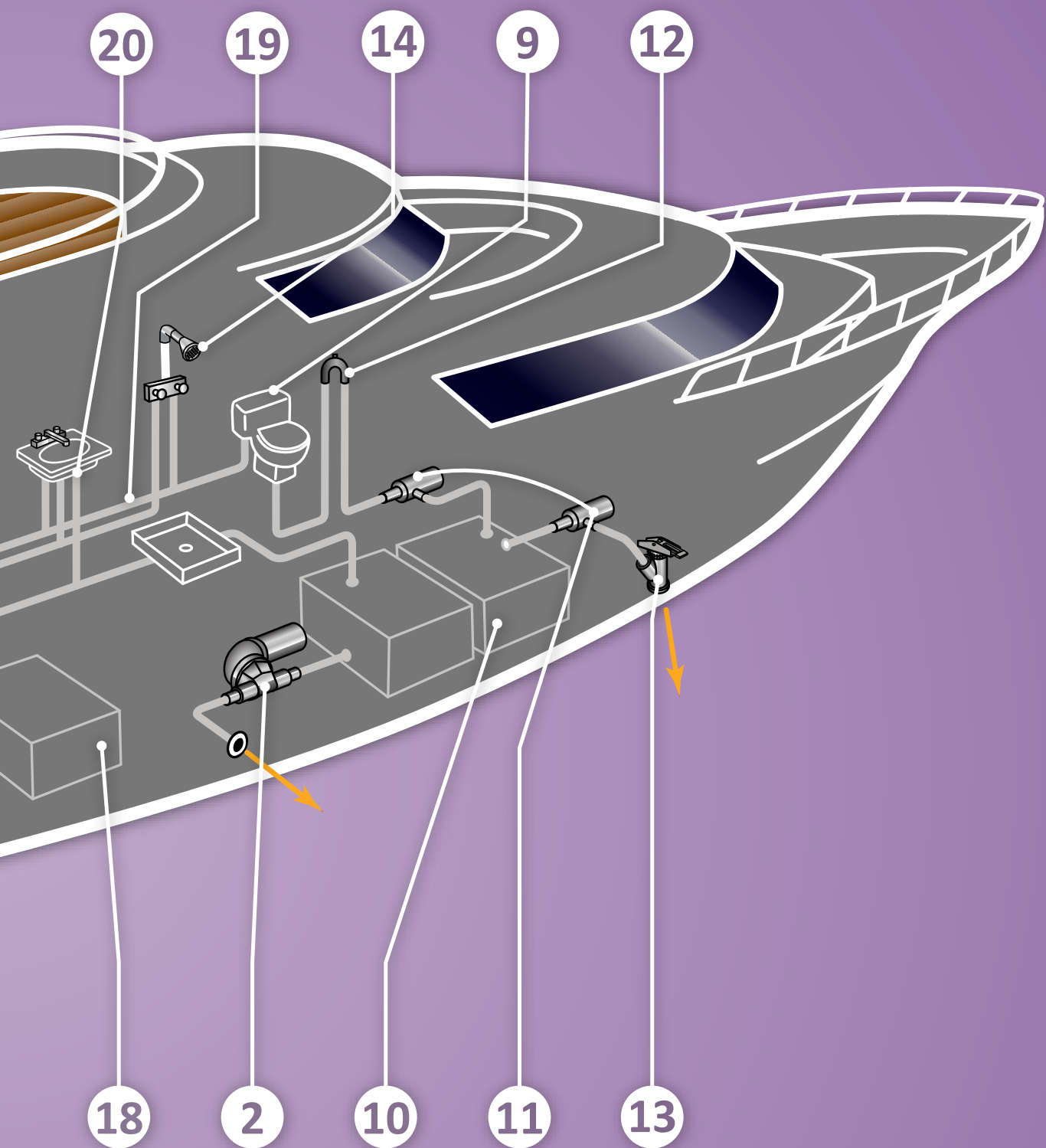
Hose Clamps.513 - 514
----------------------	------------

Water Heaters & Accessories

Water Heaters . . . . .	.515 - 520
Water Heaters - RCM Stainless Steel . . . . .	.516
Water Heater Accessories518
Water Heaters - Stainless Steel519
Water Heaters - Enamelled.520

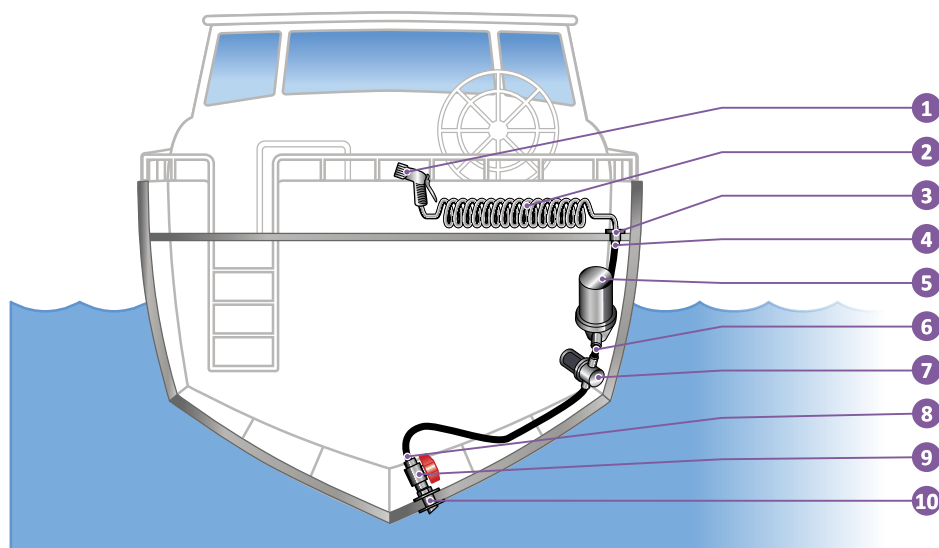


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|------------------------------|---------------------------------------|
| 1 Salt Water Deck Wash Pumps | 7 Float Switches |
| 2 Grey Water Pumps | 8 Bilge Blowers |
| 3a Livebait | 9 Toilets |
| 3b Aerator Pumps | 10 Waste Tanks and Sanitation Sachets |
| 4 Freshwater Pumps | 11 Macerator Pumps |
| 5 Manual Bilge Pumps | 12 Vented Loops |
| 6 Bilge Pumps | |



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|---|-------------------------------------|
| 13 Seacocks | 19 Hose |
| 14 Shower, Bathroom and Laundry Fittings | 20 Plumbing Fittings |
| 15 Sinks and Sink Wastes | 21 Strainers |
| 16 Faucets and Manual Galley Pumps | 22 Boat Boilers/Water Heater |
| 17 Water Purifiers / Filters | 23 Accumulator Tank |
| 18 Water Tanks | 24 Aerator Head |

Deck Wash System



- | | |
|--|---|
| 1 Spray Nozzle | 6 Fittings |
| 2 Hose Coil | 7 Strainer |
| 3 Stainless Steel flush link | 8 1/2" BSPM x 3/4" ID ST |
| 4 Stainless Steel Hose Tail - 3/4" BSP | 9 3/4" BSPF compact PVC ball valve |
| 5 Pro Blaster™ Pump | 10 3/4" BSP hi-speed NYLON pick up <u>or</u>
STAINLESS STEEL thru-hull pick up |

Washdown Kits - Complete



Part No.	Description
239306	Washdown Kit with NYLON Pick Up
239306B	Washdown Kit with STAINLESS STEEL Thru-hull Pick Up
239307	Washdown Kit with STAINLESS STEEL Thru-hull Pick Up & STAINLESS STEEL Ball Value

- Washdown Kit includes everything you need for tough wash down applications all in one box.
- CE Certified, Ignition Protected ISO 8846.
- RCM Certified to Australian Standards.
- SHURflo® ProBlaster™ pump includes a 3 Year Warranty.

All Kits Include:

- 1 X **239412** ProBlaster™ Washdown Kit II - 12V - 15.1 LPM (4 GPM) Ref: 1 2 5 6 7
- 1 X **45630** Stainless steel hose tail - 3/4" BSP Ref: 4
- 1 X **23882** Stainless steel flush link for deck wash Ref: 3
- 1 X **45600** 1/2" BSPM x 3/4" ID ST Ref: 8
- 1 X **45181** 3/4" BSPF compact PVC ball valve Ref: 9

Kit 239306 Also Includes:

- 1 X **23040** Nylon hi-speed thru-hull pickup - 3/4" BSP Ref: 10
- 1 X **45181** 3/4" BSPF compact PVC ball valve Ref: 9

Kit 239306B Also Includes:

- 1 X **23042** Stainless Steel thru-hull pickup - 3/4" BSP Ref: 10
- 1 X **45181** 3/4" BSPF compact PVC ball valve Ref: 9

Kit 239307 Also Includes:

- 1 X **23042** Stainless Steel thru-hull pickup - 3/4" BSP Ref: 10
- 1 X **45546** 3/4 BSP 316 Stainless Steel ball valve: 9



Deck Washdown Kit - Pro

Part No.	Description	Volts (V)	Amp (A)	Flow Rate		Shut-Off Pressure
				(GPM)	(LPM)	
239308	Pro Deck Washdown Kit	12	10	4.0	15.1	60 PSI



- Washdown Kit includes flush link fitting
- CE Certified, Ignition Protected ISO 8846.
- RCM Certified to Australian Standards.
- SHURflo® ProBlaster™ pump includes a 3 Year Warranty.

Kit Includes:

- 1 X **239412** ProBlaster™ Washdown Kit - 12V (15.1 LPM) Ref: **1 2 5 6 7**
- 1 X **23882** Stainless steel flush link for deck wash Ref: **3**
- 1 X **45600** ½" BSPM X ¾" ID ST Ref: **8**

NOTE: Please refer to hose section for hose types and lengths.



SHURflo
PROBlaster™

Refer to diagram "Deck Wash System"

Deck Washdown Kits

Part No.	Description	Volts (V)	Amp (A)	Flow Rate		Shut-Off Pressure
				(GPM)	(LPM)	
239412	Washdown Kit	12	10	4.0	15.1	60 PSI
239414	Washdown Kit	12	14	5.0	18.9	60 PSI



- SHURflo's new Washdown Kit II is available in both Deluxe 4.0 and Ultimate 5.0 Series. The perfect starter kit for all applications.
- Supplied in Retail Packaging.
- CE Certified, Ignition Protected ISO 8846.
- RCM Certified to Australian Standards.
- 2 Year Warranty.

Kit Includes:

- **239412** ProBlaster™ Washdown Kit II Deluxe 4.0 pump, fittings, nozzle, raw water strainer and a ¾" x 7.6m self-coiling hose. Ref: **1 2 5 6 7**
- **239414** ProBlaster™ Washdown Kit II Ultimate 5.0 pump, fittings, nozzle, raw water strainer and a ¾" x 7.6m self-coiling hose. Ref: **1 2 5 6 7**

NOTE: Please refer to hose section for hose types and lengths.



SHURflo
PROBlaster™

Refer to diagram "Deck Wash System"

Deck Wash - Switch - Waterproof Panel

Part No.	Description	Switch	Volts (V)	Cut Out (mm)	Dimensions W x H x D (mm)
530774	Deck Wash Control Panel	On/Off	12/24	105 x 45	75 x 114 x 54

- Modern design single gang switch panel.
- Backlight label provides easy recognition at night.
- 20A rated push reset circuit breaker.
- IP66 rated.
- CE certified.



relaxn'

Pumps - Deck Wash - ProBlaster II



High Flow



SHURflo
PROBlaster

Part No.	Volts (V)	Amp (A)	Port Size Inlet/Outlet (in)	Flow Rate		Shut-Off Pressure	Dimensions L x W x H (mm)
				(GPM)	(LPM)		
239420*	12	10	½" NPT	4.0	15.1	60 PSI	254 x 127 x 120
239404*	12	14	½" NPT	5.0	18.9	60 PSI	254 x 127 x 120
239426**	12	14	½" NPT	5.0	18.9	60 PSI	254 x 127 x 120



- The SHURflo® ProBlaster™ II delivers over 18.9 litres per minute and pressure up to 60 psi, giving you the ultimate in wash down capabilities.
- This high volume pump will clean your deck quickly and easily.
- The corrosion resistant electro-coated motor, O-ring seal and fully sealed wire entries offer the perfect solution for the harsh marine environment.
- Can run dry without damage.
- Thermally Protected, CE Certified, Ignition Protected ISO 8846.
- RCM Certified to Australian Standards.
- 2 Year Warranty.
- Mounting screw size $\varnothing \frac{3}{16}$ " ($\varnothing 4.8\text{mm}$).

*NOTE: 239404 & 239420 include connectors & filter as per image.

**NOTE: 239426 Does not include connectors & filters

Pumps - Deck Wash - Blaster II



SHURflo
Blaster

239429 Includes hose nozzle & tail fittings



Part No.	Volts (V)	Amp (A)	Fuse (Amp)	Port Size Inlet/Outlet (in)	Flow Rate		Shut-Off Pressure	Dimensions L x W x H (mm)
					(GPM)	(LPM)		
239428	12	6	7.5	½" NPT	3.5	13.2	45 PSI	228 x 125 x 105
239429*	12	6	7.5	½" NPT	3.5	13.2	45 PSI	228 x 125 x 105
239430	24	3.5	3.5	½" NPT	3.5	13.2	45 PSI	228 x 125 x 105

- Perfect for tough wash down applications, such as fish box, scaling, and anchor chain cleaning.
- These rugged self-priming pumps, can run dry without damage, and won't overheat with extended use.
- Thermally Protected, CE Certified, Ignition Protected ISO 8846.
- Mounting screw size $\varnothing \frac{3}{16}$ " ($\varnothing 4.8\text{mm}$).
- RCM Certified to Australian Standards.
- 2 Year Warranty.

*NOTE: 239429 are supplied in Retail Packaging. Includes hose nozzle and tail fittings.

Kit - Freshwater Pump & Tap



Premium



SHURflo
Aqua King



Part No.	Description	Volts (V)	Amp (A)	Flow Rate		Shut-Off Pressure
				(GPM)	(LPM)	
239318	Pump & Tap kit	12	5	3.0	11.35	55 PSI

- The Next Generation SHURflo® pumps guarantee quiet operation and smooth performance while providing the ultimate in durability and reliability.
- Designed and built specifically for the harsh marine environment, SHURflo® pumps are equipped with sealed switches and seamless e-coated motors.
- Multi-fixture marine fresh water installations, this pump may be used for general fresh water transfer, intermittent duty.
- ½" NPT Port.
- Thermally Protected, CE Certified, Ignition Protected ISO 8846.
- RCM Certified to Australian Standards.
- 3 Year Warranty on Aqua King pump.

Kit includes:

- 1 x 239340 Shurflo® Aqua King II freshwater pump.
- 1 x 23963 ½" NPT - ½" straight tail.
- 1 x 23966 ½" NPT - ½" elbow tail.
- 1 x 51014 ¾" BSP (M) thread single right tap and faucet.
- 1 x 51017 ¾" - ½" tail.



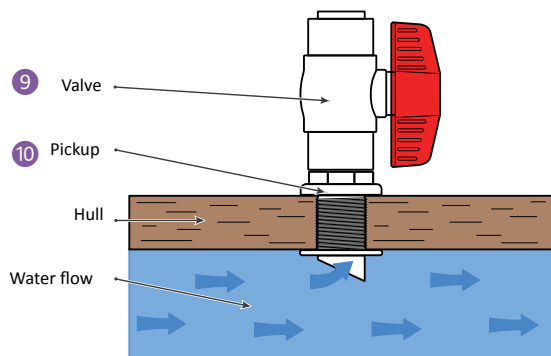
Through-Hull Kit

Part No.	Description
239312	Stainless Steel Through-Hull Pickup & PVC Ball Valve Kit

- This high speed deck wash/live bait pick up system has been specially designed to allow pressurised water flow at both high and low speeds.

Kit Includes:

- 1 X **23042** Stainless Steel thru-hull pickup - 3/4" BSPM. Ref: **10**
- 1 X **45181** 3/4" BSPF compact PVC ball valve. Ref: **9**



Refer to diagram "Thru-hull Pickup & Ball Valve Diagram"

Deck Wash - Hose Coil Kit - Powerspray Nozzle

Part No.	Description	Hose Colour	Hose Length (m)	Hose Dia. OD (mm)
23740	Deck Wash Hose & Nozzle 7.5M Black 3/4" BSP Quick Connect	Black	7.5	12.5

- The nozzle has a lock clip for continuous water flow and a smooth comfortable handle for easy handling.
- High grade seals.
- Stainless steel springs reduces the chance of kinks.
- Noncorrosive and high-impact construction for long life.
- Snap-on garden hose connectors on each end.
- 3/4" Thread - quick connect.



Deck Wash - Hose Coil Kit - Powerspray Nozzle

Part No.	Description	Hose Colour	Hose Length (m)	Hose Dia. OD (mm)
23742	Deckwash Hose & Powerspray Nozzle - 7.5M Heavy Duty	Black	7.5	16

- High quality TruDesign Nozzles with adjustable spray pattern - Versatile usage for wash down or filling applications supplier complete with 3/4" BSP garden hose connector.
- 3/4" Thread female - Easy connect.
- Heavy-duty 7.5m (16mm Ø O.D) Black Hose Coil.



Deck Wash Pump Accessories

Deck Wash - Hose & Nozzle



NEW ENTRY

1 YEAR WARRANTY

Part No.	Description
23952	SHURflo® Blaster™ Nozzle - ¾" NPT (F)
23982	Wing Nut Swivel ¾" NPT (M) - ½" NPT (F)
23954	SHURflo® Blaster™ Nozzle & Wing Nut Swivel (23952 + 23982)
23748	7.6m White Coil Hose - ¾" NPT Connection

- The Blaster™ Nozzle has a lock clip for continuous water flow and a smooth comfortable handle for easy handling.
- High grade seals and stainless steel spring.
- Noncorrosive and high-impact construction for long life.
- Fully adjustable spray from fine mist to full stream.

23748:

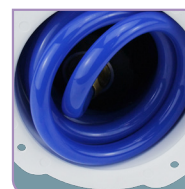
- Designed to clean delicate and hard to reach areas on boats and RVs.
- The coiled hose can be stored neatly in compact areas.
- Advanced designed coils are kink resistant, strong and durable and will maintain their coiled shape, even when stretched to their maximum length.
- Includes quick connect hose fittings.
- Tested up to 300psi.
- 1 Year Warranty.

Deck Wash - Hose Coil Kit - Recessed



Part No.	Description	Overall Size (mm)	Flange Ø (mm)	Cut Out (mm)	Hose Colour	Hose Length (m)	Hose Dia. OD (mm)
23766	Flush Mount Washdown Hose Kit - Polar White	368	153	114	Blue	4.5	13

- Flush Mount Washdown Hose Kit suited for both the marine and RV applications.
- Blue PVC 4.5m hose with adjustable spray head and brass fitting.
- Hose coil are kink resistant, strong and durable and will maintain their coiled shape, even when stretched to their maximum length.
- Lid has a simple one hand operation with 15 degree twist to open.
- Lanyard attached to lid prevents misplacement.
- Suits Hose ¾"ID (16mm).



Deck Wash Outlet



Part No.	Description	Cut Out (in)	Hose Size (in)	Outlet Thread (in)
23871	Deck Wash Outlet with Shut Off Tap - Plastic	1-¼"	¾"	¾" NPT(M)

- Standard hose threads.
- Outlet ¾" NPT (M).
- Rugged non-corrosive poly.
- Positive on/off ball valve.

NOTE: Suits SHURflo hose 23748

Water Inlet





Part No.	Description	Cut Out (in)	Hose Size (in)	Outlet Thread (in)
23878	316G Stainless Steel Water Inlet	1-¼"	¾"	½" NPT(F)

- ½" female NPT thread outlet.
- ¾" BSP (F) thread inlet.
- 316G stainless steel.
- Can be used as a deck wash and flusher.
- Slip nut nylon.

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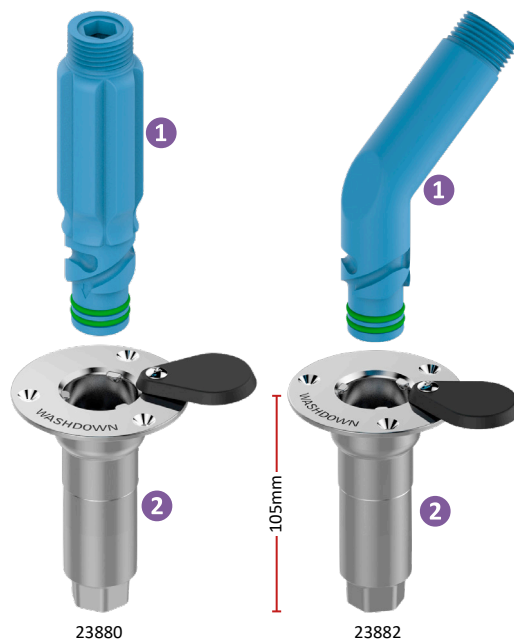
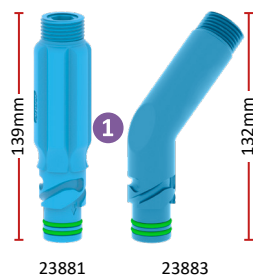
Deck Wash Flush Links - NPT

Deck Wash Outlet with Adaptor Kit - NPT						
Part No.	Thread Type	1 Adaptor			2 Deck Wash Link	
		Angle	Colour	Outlet Thread	Inlet Thread	Mount Hole (mm)
 23880	NPT	Straight	Blue	3/4" NPT (M)	1/2" NPT (F)	5 c/s
 23882	NPT	130°	Blue	3/4" NPT (M)	1/2" NPT (F)	5 c/s



1 Replacement Hose Adaptor Only - NPT

Part No.	Thread Type	Adaptor Angle	Adaptor Colour	Adaptor Thread
23881	NPT	Straight	Blue	3/4" NPT (M)
23883	NPT	130°	Blue	3/4" NPT (M)

- Flush mount.
- Connects and disconnects under full pressure.
- Positive lock 3 point bayonet connector.
- Adaptor - Nylon 66.
- Deck Wash Outlet - 316 Stainless Steel.
- Double viton o-ring seals.
- Large flow capacity.



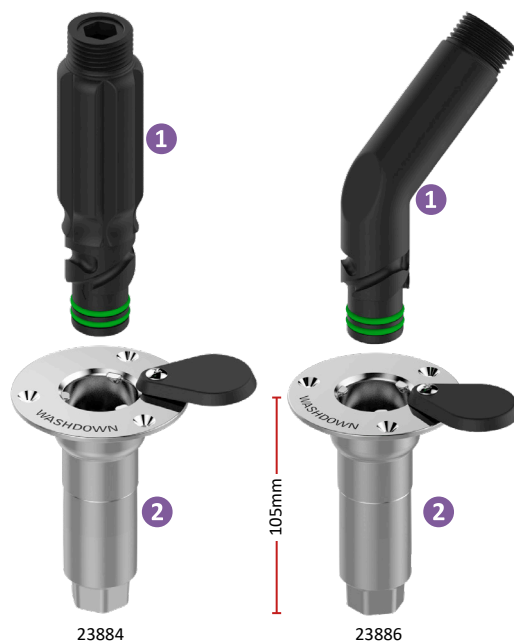
Deck Wash Flush Links - BSP

Deck Wash Outlet with Adaptor Kit - BSP						
Part No.	Thread Type	1 Adaptor			2 Deck Wash Link	
		Angle	Colour	Outlet Thread	Inlet Thread	Mount Hole (mm)
 23884	BSP	Straight	Black	3/4" BSP (M)	1/2" BSP (F)	5 c/s
 23886	BSP	130°	Black	3/4" BSP (M)	1/2" BSP (F)	5 c/s

1 Replacement Hose Adaptor Only - BSP

Part No.	Thread Type	Adaptor Angle	Adaptor Colour	Adaptor Thread
23885	BSP	Straight	Black	3/4" BSP (M)
23887	BSP	130°	Black	3/4" BSP (M)

- Flush mount.
- Connects and disconnects under full pressure.
- Positive lock 3 point bayonet connector.
- Adaptor - Nylon66.
- Deck Wash Outlet - 316 Stainless Steel.
- Double viton O-ring seals.
- Large flow capacity.



Hose Tails / Adaptors - NPT

Part No.	Description	Thread (in)	Tail Ø (in)
23974	Hose Tail - 1/2" NPT (M)	1/2" NPT (M)	1/2"
23975	Hose Tail - 3/4" NPT (F)	3/4" NPT (F)	1/2"
45335	Garden Hose Snap-on Adaptor	3/4" NPT (M)	-

- Manufactured from nylon to withstand the harshest environments.



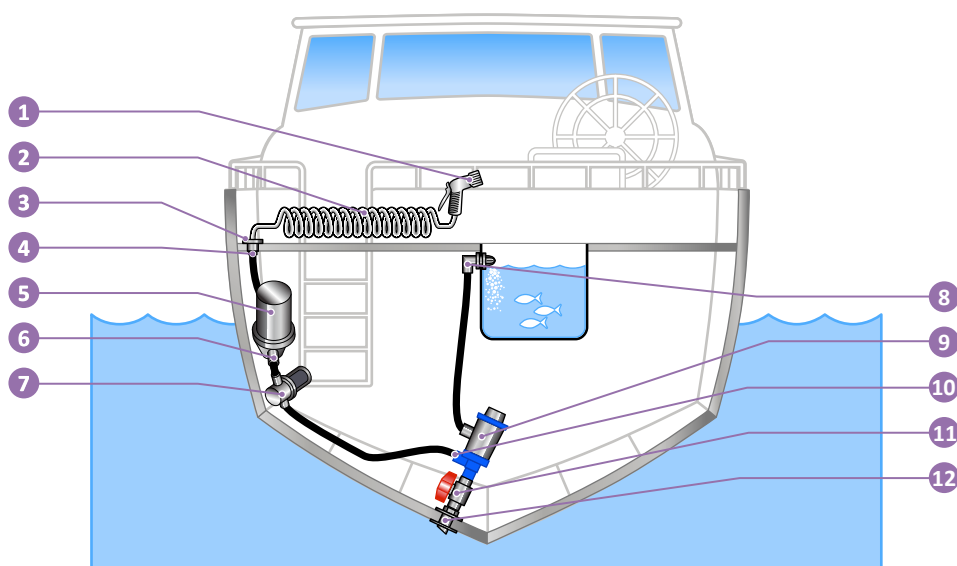
Hose Tails / Adaptors - BSP

Part No.	Description	Thread (in)	Tail Ø (in)
45598	Hose Tail - 1/2" BSP (M)	1/2" BSP (M)	3/8"
45329	Garden Hose Snap-on Adaptor	3/4" BSP (M)	-

- Manufactured from nylon to withstand the harshest environments.



Live Bait & Deck Wash System



Live Bait & Deck Wash System



Premium



Part No.	Description
239311	SHURflo® ProBlaster™ Deckwash & Piranha™ Livewell Combo Kit with Nylon Through - Hull Pickup

- Combo kit comes complete with Live Bait and Washdown setup ideal for deckwashing, fish box scaling or anchor chain cleaning.
- 12V ProBlaster™ Washdown Kit II Deluxe 4.0 Pump Inlet strainer, 2 x 3/4" hose barb fittings, 1 x 3/4" GHT (M) fitting and nozzle included.
- 12V Live Bait tank water circulation pump with dual port fitting allows for easy wash down pump connections.
- CE Certified, Ignition and Thermally Protected ISO 8846.
- RCM Certified to Australian Standards.
- SHURflo® Piranha™ livewell pump includes a 2 Year Warranty.

239311 Kit Includes:

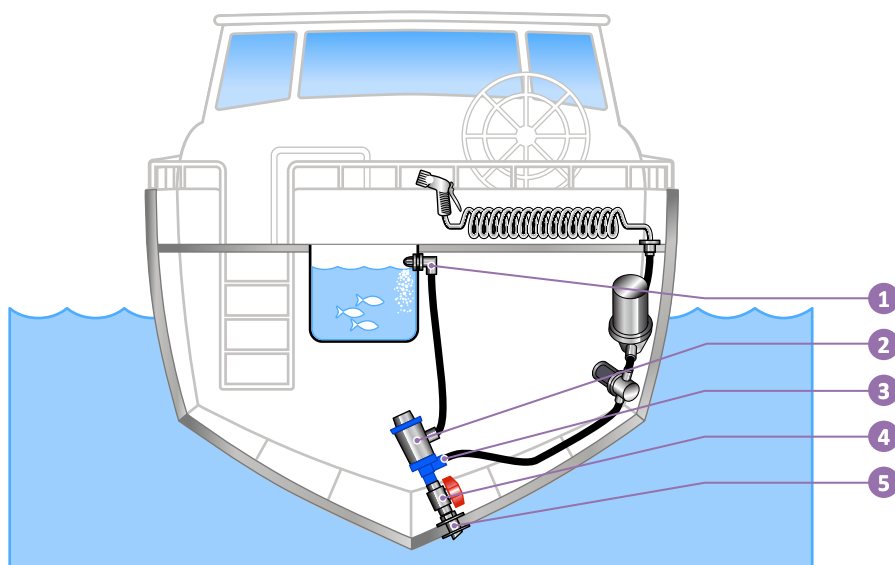
- 1 X 239412 ProBlaster™ Washdown Kit II - 12V, 15.1 LPM (4 GPM) Ref: 1 2 5 6 7
- 1 X 23035 Piranha™ Livewell Pump dual port - 12V (600 GPH) 9
- 1 X 23882 Stainless steel flush link for deck wash Ref: 3 4
- 1 X 45181 3/4" BSPF compact PVC ball valve 11
- 1 X 45600 1/2" BSPM x 3/4" ID ST 10
- 1 X 23036 White 90 degree aerator head - 3/4" 8
- 1 X 23040 Nylon hi-speed through-hull pickup - 3/4" BSP 12
- 3 X 29785 Push-on Well Drain Collar 13

NOTE: Please refer to hose section for hose types and lengths.





Live Bait Pump Kits - Dual Port Kit - Deluxe



Live Bait Pump Kits - Dual Port Kit - Deluxe

Part No.	Description
239304	SHURflo® Piranha™ Livewell Pump Kit with Nylon Through-Hull Pickup

- 12V Live Bait tank water circulation pump with dual port fitting allows for easy wash down pump connections.
- CE Certified, Ignition Protected ISO 8846.
- RCM Certified to Australian Standards.
- SHURflo® Piranha™ livewell pump includes a 2 Year Warranty.

Kit Includes:

- 1 x **23035** Piranha™ Livewell Pump dual port - 12V (2)
- 1 X **45181** ¾" BSPF compact PVC ball valve (4)
- 1 X **45600** ½" BSPM x ¾" ID ST (3)
- 1 X **23036** White 90 degree aerator head - ¾" (1)
- 1 X **23040** Nylon hi-speed through-hull pickup - ¾" BSP (5)

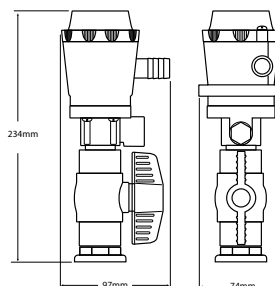


Part No.	Description
239304B	SHURflo® Piranha™ Livewell Pump Kit with Stainless Steel Through-Hull Pickup

- 12V Live Bait tank water circulation pump with dual port fitting allows for easy wash down pump connections.
- CE Certified, Ignition Protected ISO 8846.
- RCM Certified to Australian Standards.
- SHURflo® Piranha™ livewell pump includes a 2 Year Warranty.

Kit Includes:

- 1 x **23035** Piranha™ Livewell Pump dual port - 12V (2)
- 1 X **45181** ¾" BSPF compact PVC ball valve (4)
- 1 X **45600** ½" BSPM x ¾" ID ST (3)
- 1 X **23036** White 90 degree aerator head - ¾" (1)
- 1 X **23042** **Stainless Steel** through-hull pickup - ¾" BSP (5)



Refer to diagram "Live Bait and Deck Wash System"



NOTE: Please refer to hose section for hose types and lengths.



Live Bait Pumps

Pump - Live Bait Kit - Dual Port Kit



SHURflo
PIRANHA



Part No.	Description	Volts
239310	SHURflo® Piranha™ Dual Port Live Bait Kit	12

- 12VDC Live Bait tank water circulation pump with dual port fitting allows for easy wash down pump connections.
- CE Certified, Ignition Protected ISO 8846.
- RCM Certified to Australian Standards.
- SHURflo® Piranha™ livewell pump includes a 2 Year Warranty.

Kit Includes:

- 1 X **23035** Livewell Piranha Dual Port 12VDC **2**
- 1 X **23036** White 90° Aerator Head ¾" **1**
- 1 X **45600** ½" BSPM X ¾" ID ST **3**

NOTE: Please refer to hose section for hose types and lengths.

Pump - Live Bait - Dual Port



SHURflo
PIRANHA



NEW ENTRY

Part No.	Volts (V)	Amp (A)	Flow Rate		Port Size Inlet/Outlet	Dimensions H x W (mm)
			(GPH)	(LPH)		
23035	12	2	600	2270	¾" (19mm)	165 x 95
23044	12	4.5	800	3027	¾" (19mm)	165 x 95

- 12VDC Live Bait tanks water circulation pump.
- High density nylon housing and heavy duty water cooled motor give the SHURflo® Livewell Pumps unparalleled reliability.
- Patented anti-airlock feature allows the pump to clear trapped air in rough water or when the boat is anchored.
- The dual port fitting allows for easy wash down connections.
- Piranha Series Livewell Pumps have a removable cartridge for easy cleaning.
- Includes Tinned 6' Wire assembly, hex nut & washer.
- CE Certified, Ignition Protected ISO 8846.
- RCM Certified to Australian Standards.
- 2 Year Warranty.

Pump - Live Bait - Angled Port



SHURflo



Part No.	Volts (V)	Amp (A)	Flow Rate		Port Size Inlet/Outlet	Dimensions H x W (mm)
			(GPH)	(LPH)		
23031	12	2	600	2270	¾" NPT - ¾" Barb	178 x 191
23029	12	4.5	800	3027	¾" NPT - ¾" Barb	178 x 191
23041	Replacement Motor Cartridge suits Piranha 800GPH 23029					

- High density nylon housing and heavy duty water cooled motor give the SHURflo® Livewell Pumps unparalleled reliability.
- Patented anti-airlock feature allows the pump to clear trapped air in rough water or when the boat is anchored.
- The dual port fitting allows for easy wash down connections.
- These aerator pumps have a removable cartridge for easy cleaning.
- Includes Tinned 6' Wire assembly, hex nut & washer.
- CE Certified, Ignition Protected ISO 8846.
- RCM Certified to Australian Standards.
- 2 Year Warranty.

NOTE: Use with **23570**, **23572** or **45070** Strainers.

Pump - Live Bait Motor Cartridge



SHURflo

Part No.	Description	Volts (V)
23041	Replacement Motor Cartridge suits Piranha 800GPH Models	12

- Replacement Motor Cartridge.
- CE Certified, Ignition Protected ISO 8846.
- RCM Certified to Australian Standards.



Pumps - Live Bait - Bait Sentry™ Magnetic Drive

Part No.	Volts (V)	Amp (A)	Flow Rate		Port Size Inlet/Outlet/Wash Down Port Outlet	Dimensions (mm)
			(GPH)	(LPH)		
23945	12	5	800	3027	¾" NPT-M - ¾" Barb - ½" NPT-F	125 x 200
23946	12	6	1100	4164	¾" NPT-M - 1-½" Barb - ½" NPT-F	125 x 200

- The Bait Sentry™ Livewell Pumps are designed for easy installation and trouble-free operation.
- Magnetic Drive technology eliminates unnecessary failures.
- Motors keep running after ingesting debris or even when running dry.
- Patented anti-airlock feature allows the pump to clear trapped air in rough water or when the boat is anchored.
- The dual port inlet fitting allows for easy wash down connections.
- Includes Tinned 6' Wire assembly.
- CE Certified, Ignition Protected ISO 8846.
- 3 Year Warranty.



Premium



Pumps - Live Bait - Heavy Duty - PRO Baitmaster™ II

Part No.	Volts (V)	Amp (A)	Suits Tank Size (ltr)	Flow Rate		Port Size Inlet/Outlet	Dimensions (mm)
				(GPM)	(LPM)		
239406	12	8	< 132.5	4	15.1	½" NPT (M)	254 x 127 x 120
239408	24	5	< 132.5	4	15.1	½" NPT (M)	254 x 127 x 120

- The Pro Baitmaster™ II Heavy Duty Livewell/Washdown Pumps are excellent for live-well or wash down applications in harsh marine environments.
- The SHURCote II seamless motor shell and sealed switch protects the pump from splashed liquids.
- Self-priming and can run dry without damage.
- Ports - ½" NPT-Male.
- 45 PSI shut off pressure.
- **Continuous duty rated.**
- CE Certified, Ignition and Thermally protected 8846.
- RCM Certified to Australian Standards.
- 2 Year Warranty.



Premium



NOTE: Includes, 2 x ¾" tails, 1x adaptor for SHURflo hose.

Pump - Aerator Kit - TMC

Part No.	Volts (V)	Amp (A)	Flow Rate		Port Size Inlet/Outlet	Dimensions H x W (mm)
			(GPH)	(LPH)		
23159	12	2.5	300	1135	16mm	110 x 70



- Can be used in any cooler, bait bucket or live well with a non porous surface.
- Suction cup mounted.
- CE Certified, Ignition and Thermally protected 8846.



Live Bait Tank - Aerator



Part No.	Description	Hose I.D. (in)	Cut Out Ø (mm)
23036	Plastic 90 Degree Aerator Head	¾"	25

- Fully adjustable aerator head has been especially designed for the user to customised water flow to suit their live bait tank.
- Easy installation.
- Suits ¾" ID Hose.

Through-Hull Kit



45181



23042

Part No.	Description
239312	Stainless Steel Through-Hull Pickup & PVC Ball Valve Kit

Kit Includes:

- 1 x **23042** Stainless Steel thru-hull pickup - ¾" BSP
- 1 x **45181** ¾" BSPF compact PVC ball valve

Skin Fittings - Thru-hull Pick Up



Part No.	Thread (in)	Thread Length (mm)	Colour	Material
23040	¾" BSP	65	White	Nylon
23040B	¾" BSP	65	Black	Nylon
23042	¾" BSP	65	S/S	

- BSP thread.
- Skin fitting includes nut.

Hose Tails - SHURflo®



23962



23966 & 23967



23963 & 23964

SHURflo®

Part No.	Description
23962	Wingnut Swivel Adaptor ½" NPT" - ½"NPT
23963	½" NPT - ½" Straight Tail
23964	½" NPT - ¾" Straight Tail
23966	½" NPT - ½" Elbow Tail
23967	½" NPT - ¾" Elbow Tail

NOTE: Do not use thread tape.

Hose Tails - NPT



23974



23975

SHURflo®

Part No.	Dimensions	Tail Ø (in)
23974	½" NPT (M)	½"
23975	¾" NPT (F)	½"

- Manufactured from nylon to withstand the harshest environments.

Strainer - Thru-hull - Stainless Steel



45068



45070

Part No.	Description	Connector Type	Dimensions (mm)		
			L	W	D
45068	Stainless Steel Mesh Strainer	20mm Tail	65	61	94
45070	Stainless Steel Mesh Strainer	¾" NPT (F)	38	38	34

- Ideal for raw water intake for gen-set or live bait tank.
- Stainless steel mesh designed to provide maximum water flow while offering great filtration.
- **45070** suits live bait pumps.

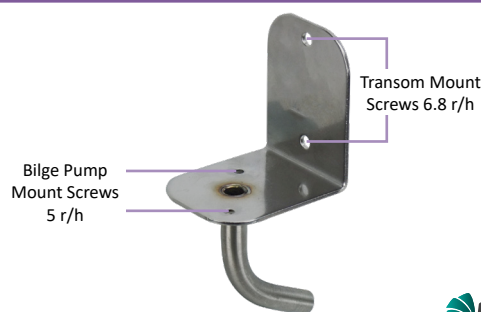


Live Bait Pumps Accessories & Ballast Pumps

Water Scoop Live Bait Tank - Stainless Steel - Bilge Pump

Part No.	Transom			Bilge Pump
	Dimensions W x H (mm)	Mounting Size W x H (mm)	Mount Screws (mm)	Mount Screws (mm)
29081	59.7 x 158.8	63 x 82	6.8 r/h	5 r/h

- Ideal for circulating fresh sea water through your bait tank while under way.
- Designed for: Shurflo® - 500, 700 and 1000 Bilge pumps.
Rule®- 360 and 500 Bilge pumps.
- 316G stainless steel.



relaxn

Water Scoop Live Bait Tank - Stainless Steel

Part No.	Dimensions W x H (mm)	Mounting W x H (mm)	Stern Suits Hose Dia. (mm)	Mount Screws (mm)
29080	49.5 x 94	49.5 x 40	12.7	5 r/h

- Ideal for circulating fresh sea water through your bait tank while under way.
- 316G stainless steel.



relaxn

Pump - Ballast

Part No.	Volts (V)	Amp (A)	Flow Rate		Port Size		Dimensions H x W (mm)	NEW ENTRY
			(GPH)	(LPH)	Inlet	Outlet		
23046	12	4.5	1100	4163	3/4"	1-1/8"	142 x 94	

- Shurflo Ballast Pump is ideal for rapid filling and draining of ballast tanks.
- High density nylon housing and heavy duty water cooled motor give the PIRANHA™ SHURflo® Ballast Pumps unparalleled reliability.
- Patented anti-airlock feature allows the pump to clear trapped air in rough water or when the boat is anchored.
- All Piranha Series Ballast Pumps have a removable cartridge for easy cleaning and ease of replacement.
- Submersible.
- Includes Tinned 6'.
- CE Certified, Ignition Protected ISO 8846.
- RCM. Certified to Australian Standards
- 2 Year Warranty.

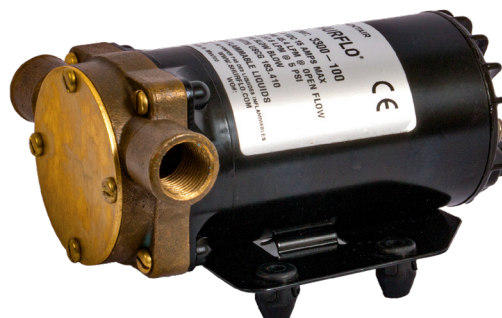


SHURflo
PIRANHA

Pump - Ballast Bronze

Part No.	Volts (V)	Amp (A)	Flow Rate		Port Size Inlet/Outlet	Dimensions L x W x H (mm)	NEW ENTRY
			(GPM)	(LPM)			
23050	12	15	12	45.7	1/2" NPT Female/ 1" Hose Barb	168 x 168 x 121	

- The Shurflo Ballast Pump was specially designed and developed for high capacity ballast tank applications in ski and wake boats, providing rapid fill and drain rates in a readily adaptable configuration.
- Reversible Flexible Impeller, Self Priming, Bronze Pump Body, able to operate on a 25 Amp circuit.
- The high efficiency, high torque motor in combination with a high modulus neoprene compound impeller provides fast priming, long life, and consistent performance.
- Close internal tolerances help reduce back flow when the pump is mounted below the ballast tank.
- The Standard Ballast pump is built on the latest Shurflo motor series which includes fully sealed heavy die cast end bells, electro-coat finish throughout, and a steel mounting plate for reliable performance and durability in engine compartment conditions.
- Corrosion Resistant Electro-coated Motor.
- CE Certified, Ignition Protected ISO 8846.



SHURflo

Freshwater Flex Tank Kit - Flexible



Great Value



Part No.	Description
239300	60 Litre Flexible Tank Freshwater Kit - 12 Volts

Kit Includes:

- **239340** - SHURflo® Aqua King II Freshwater Pump 12V 11.5LPM.
- **23966** - SHURflo® ½" - ½" Elbow Tail x 1.
- **23963** - SHURflo® ½" - ½" Straight Tail x 1.
- **51067** - Flush Mounting Container for Hand Shower x 1.
- **51010** - Shower Head Only x 1.
- **51008** - 2.5m Shower Hose - ½" BSB x 1.
- **50800** - Flexible rectangular water tank 60L, 73cm x 73cm.
- **29825** - Deck filler 1-½" plastic.
- **45361** - ½" BSB Straight Tail x 1.
- **45276** - 90° hose connector ¾" thread Ø 12mm fitting kit.
- **764002** - 7mm - 18mm Stainless Steel Hose Clamp x 5.
- **764018** - 27mm - 51mm Stainless Steel Hose Clamp x 2.

*NOTE: Everything included to make a freshwater kit excluding hose.
Contact our sales department to discuss special pricing on hose when buying for kits.*

Freshwater Flex Tank Kit - Flexible



Part No.	Description
239301	100 Litre Flexible Tank Freshwater Kit - 12 Volts

Kit Includes:

- **239340** - Aqua King Freshwater Pump 12V - 11.5LPM.
- **51067** - Flush Mounting Container for Hand Shower x 1.
- **51010** - Shower head.
- **51008** - 2.5m Shower Hose - ½" BSB x 1.
- **23966** - SHURflo® ½" - ½" elbow tail.
- **23963** - SHURflo® ½" - ½" Straight tail.
- **50802** - Flexible rectangular water tank 100L, 73cm x 88cm.
- **29825** - Deck filler 1-½" plastic.
- **45361** - ½" BSP Straight tail.
- **45276** - 90° hose connector ¾" thread Ø 12mm fitting kit.
- **764002** - 11mm - 18mm Stainless Steel hose clamps x 5.
- **764018** - 27mm - 51mm Stainless Steel hose clamps x 2.

*NOTE: Everything included to make a freshwater kit excluding hose.
Contact our sales department to discuss special pricing on hose when buying for kits.*

Premium Freshwater Flex Tank Kit - Flexible



Premium



Part No.	Description
239298	Premium 100 Litre Flexible Tank Freshwater Kit - 12 Volts

Kit Includes:

- **239340** - SHURflo® Aqua King II Freshwater Pump 12V 11.5LPM.
- **51069** - Premium Shower Head, Hose and Box Kit x 1.
See Page "Shower Kit - Recessed" on page 466
- **29634** - Premium 38mm Stainless Steel Water Deck Filler with Key x 1.
- **50802** - Flexible Square Water Tank - 100 Litre 73cm x 88cm x 1.
- **23966** - SHURflo® ½" - ½" Elbow Tail x 1.
- **23963** - SHURflo® ½" - ½" Straight Tail x 1.
- **50802** - Flexible Square Water Tank - 100 Litre 73cm x 88cm x 1.
- **45361** - ½" BSB Straight Tail x 1.
- **45276** - 90° hose connector ¾" thread Ø 12mm fitting kit x 1.
- **764002** - 7mm - 18mm Stainless Steel Hose Clamp x 5.
- **764018** - 27mm - 51mm Stainless Steel Hose Clamp x 2.

*NOTE: Everything included to make a freshwater kit excluding hose.
Contact our sales department to discuss special pricing on hose when buying for kits.*



Freshwater Tank Kit - Rigid

Part No.	Description
239302	39 Litre Rigid Tank Freshwater Kit - 12 Volt

Kit Includes:

- **239330** - SHURflo® Aqua King II Freshwater Pump Jnr12V -7.6LPM.
- **23966** - SHURflo® ½" - ½" Elbow Tail x 1.
- **23963** - SHURflo® ½" - ½" Straight Tail x 1.
- **45315** - Hose Tail - 12mm x ¾" BSP x 1.
- **45872** - 1 ½" BSP x 1 ½" Elbow x 1.
- **51074** - Shower Box with Hose & Nozzle x 1.
- **45282** - 39 Litre Rigid Water Tank 55cm x 39cm x 29cm (including elbow).
- **29652** - 316 Stainless Steel Filler - Water - Blue Cap x 1.
- **764002** - 7mm - 18mm Stainless Steel Hose Clamp x 5.
- **764018** - 27mm - 51mm Stainless Steel Hose Clamp x 2.

*NOTE: Everything included to make a freshwater kit excluding hose.
Contact our sales department to discuss special pricing on hose when buying for kits.*



Great Value

SHURflo®
AquaKing™

Kit - Freshwater Pump & Tap

Part No.	Description	Volts (V)	Amp (A)	Flow Rate		Shut-Off Pressure
				(GPM)	(LPM)	
239318	Pump & Tap kit	12	5	3.0	11.35	55 PSI

- The Next Generation SHURflo® pumps guarantee quiet operation and smooth performance while providing the ultimate in durability and reliability.
- Designed and built specifically for the harsh marine environment, SHURflo® pumps are equipped with sealed switches and seamless e-coated motors.
- Multi-fixture marine fresh water installations, this pump may be used for general fresh water transfer, intermittent duty.
- ½" NPT Port.
- Thermally Protected, CE Certified, Ignition Protected ISO 8846.
- RCM Certified to Australian Standards.
- 3 Year Warranty on Aqua King pump.

• Kit includes:

- 1 x **239340** Shurflo® Aqua King II freshwater pump.
- 1 x **23963** ½" NPT - ½" straight tail.
- 1 x **23966** ½" NPT - ½" elbow tail.
- 1 x **51014** ¾" BSP (M) thread single right tap and faucet.
- 1 x **51017** ¾" - ½" tail.



Premium

SHURflo®
AquaKing™

Pump - Fresh Water - Low Flo

Part No.	Application	Volts (V)	Amp (A)	Flow Rate		Shut-Off Pressure (PSI)	Port Size Inlet/Outlet	Dimensions L x W x H (mm)
				(GPM)	(LPM)			
239424	Automatic Demand Pump	12	2.5	1.0	3.8	30	Ports: 3/8" Barb.	170 x 100 x 60

- This compact automatic demand pump offers durability and dependability making it ideal for low volume, intermittent duty applications.
- The SLV Pump self-primers up to 2.5 vertical feet (0.7m) while delivering over 3.8 LPM (1.0 GPM).
- Low power consumption motor, provides high pump performance and reliability.
- ¾" Barb.
- Thermally Protected, CE Certified, Ignition Protected ISO 8846.
- Mounting screw size Ø ¾" (Ø 4.8mm).
- RCM Certified to Australian Standards.
- 2 Year Warranty.



Premium



SHURflo®

Pump - Fresh Water - Aqua King™



Premium

NEW ENTRY



SHURflo
AquaKing™



Part No.	Application	Volts (V)	Amp (A)	Flow Rate		Shut-Off Pressure (PSI)	Port Size Inlet/Outlet	Dimensions L x W x H (mm)
				(GPM)	(LPM)			
239330	Intermittent Duty - upto 2 Fixtures	12	3.5	2.0	7.6	30	½" NPT	208 x 124 x 104
239340	Intermittent Duty - Multi Fixtures	12	6.5	3.0	11.3	55	½" NPT	208 x 124 x 104
239350	Intermittent Duty - Multi Fixtures	24	3.8	3.0	11.3	55	½" NPT	208 x 124 x 104

- The Next Generation SHURflo® pumps guarantee quiet operation and smooth performance while providing the ultimate in durability and reliability.
- Designed and built for the harsh marine environment, equipped with sealed switches and sealed seamless corrosion resistant electro-coated motor.
- Multi-fixture marine fresh water installations, this pump may be used for general fresh water transfer, intermittent duty.
- 4 independent chambers.
- Adjustable pressure switch.
- Self Priming up to 6 feet.
- Run dry capability.
- ½" NPT Port.
- Thermally Protected, CE Certified, Ignition Protected ISO 8846.
- Mounting screw size Ø ⅜" (Ø 4.8mm).
- RCM Certified to Australian Standards.
- 3 Year Warranty.

Pump - Fresh Water - Aqua King™ II



High Performance



SHURflo
AquaKing™



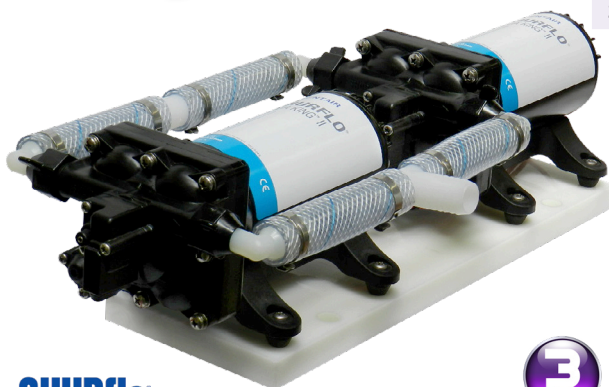
Part No.	Application	Volts (V)	Amp (A)	Flow Rate		Shut-Off Pressure (PSI)	Port Size Inlet/Outlet	Dimensions L x W x H (mm)
				(GPM)	(LPM)			
239400	Intermittent Duty - Multi Fixtures	12	12	5.0	18.9	55	½" NPT	254 x 127 x 120
239402	Intermittent Duty - Multi Fixtures	24	5	5.0	18.9	55	½" NPT	254 x 127 x 120

- SHURflo's AQUA KING™ II Fresh Water Pumps are designed for boats with multi-fixtures providing "Just like home" shower pressure, and can operate at lower flow conditions without cycling.
- A built in mechanical bypass function enables these pumps to vary the flow rate for any on demand condition, without the need for an accumulator.
- With heavy duty motors built to withstand the tough marine environment these motors feature an electro-coated seamless shell motor, O-ring sealed end bells, and complete sealed wire entries on the motor shell and pressure switch.
- ½" NPT Port.
- Thermally Protected, CE Certified, Ignition Protected ISO 8846.
- Mounting screw size Ø ⅜" (Ø 4.8mm).
- RCM Certified to Australian Standards.
- 3 Year Warranty.

Fresh Water Pump - Aqua King™ II High Flow - Dual Pump



High Performance



SHURflo
AquaKing™



Part No.	Volts (V)	Amp (A)	Flow Rate		Shut-Off Pressure (PSI)	Port Size Inlet/Outlet	Dimensions L x W x H (mm)
			(GPM)	(LPM)			
239416	12	13/11	10	37.8	55	½" NPT	610 x 460 x 150
239418	24	7/6	10	37.8	55	½" NPT	610 x 460 x 150

- The most advanced systems available. These fully-automatic, quiet units deliver water smoothly and consistently.
- System contains: Aqua King™ II Supreme 5.0 GPM and Pro Blaster™ II Ultimate 5.0 GPM, manifold assembly and mounting board.
- Variable-speed, smooth flow-silent operation.
- High-flow capability - 10 GPM (37.8 LPM).
- High pressure 55 PSI.
- Reduces Fluctuations in water Pressure.
- Improves performance of showers, heads and sinks.
- Wide flow range for single and multiple fixture use.
- Eliminates need of an accumulator tank.
- ½" NPT Port.
- Ports ½" NPT tail connected manifold with ¾" barbed tail outlet.
- CE Certified, Ignition Protected ISO 8846.
- RCM Certified to Australian Standards.
- 3 Year Warranty.

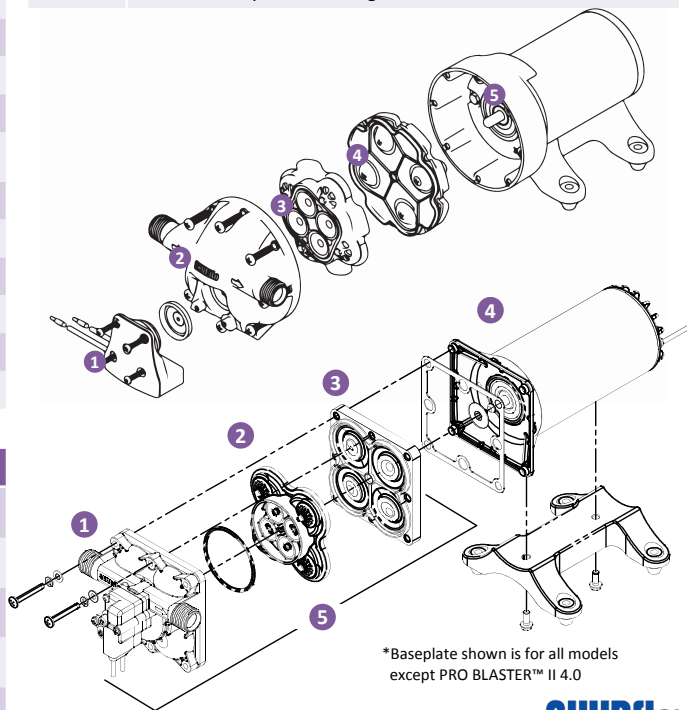


Pump - Spare Parts - SHURflo

Part No.	Description	Number
SP-221	Valve Pump Assembly suits 2088 Series	3
SP-222	Pressure Switch & Upper Housing suits 2088 Series	1,2
SP-226	Pump Head Repair Kit suits 2088 Series Standard	1,2,3,4
SP-228	Pump Head Repair Kit suits 2088 Blaster Series	1,2,3,4
SP-230	Pressure Switch Assembly suits 3901-2901 Series	1
SP-232	Upper Housing suits 3901-2901 Series	2
SP-234	Valve Assembly suits 3901-2901 Series	3
SP-236	Drive & Diaphragm Assembly suits 3901-2901 Series	1
SP-238	Pressure Switch Assembly suits 4901 Series	1
SP-240	Upper Housing suits 4901 Series	2
SP-242	Valve Assembly suits 4901 Series	3
SP-244	Drive & Diaphragm Assembly suits 4901 Series	4
SP-246	Pressure Switch Assembly suits 5901 Series	1
SP-248	Upper Housing suits 5901 Series	2

Part No.	Description	Number
SP-271	Pressure Switch & Housing Assembly suits 4148 / 4158 Series	1
SP-272	Valve Assembly suits 4148 / 4158 / 4248 / 4258 / 4348 / 4358 / 4648 Series	2
SP-273	Drive Assembly suits 4148 / 4158 / 4248 / 4258 / 4348 / 4358 / 4648 Series	3
SP-277	Pressure Switch & Housing Assembly suits 4248 / 4258 / 4348 / 4358 Series	1
SP-278	Pump Head Assembly suits 4248 / 4258 / 4348 / 4358 Series	5

Part No.	Description	Number
SP-250	Valve Assembly suits 5901 Series	3
SP-252	Drive & Diaphragm Assembly suits 5901 Series	4
SP-260	Macerator Impeller Kit	
SP-261	Macerator Impeller Housing	



SHURflo

Strainers - Raw Water

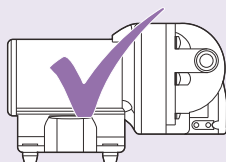
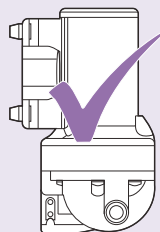
Part No.	Description	Inlet	Outlet
23955	Twist-On Water Strainer	½" NPT-(F)	½" NPT-(M)
23979	½" NPT (F) Raw Water Strainers	½" NPT (F)	½" NPT (M)
23984	¾" NPT (F) Raw Water Strainers	¾" NPT (F)	¾" NPT (M)
23986	1" NPT (F) Water Strainers	1" NPT (F)	1" NPT (M)
23987	Replacement Screen suits 23984 and 23986		

- SHURflo's family of raw water strainers are built to keep your bait tank, livewell and wash down pumps protected from harmful debris.
- Twist off polyamide bowl and removable stainless steel screen, which allows for easy inspection and cleaning.
- Integral 'O'ring creates a tight seal, eliminating possible leaks, keeping your pumps and components lasting longer.
- 1 Year Warranty.



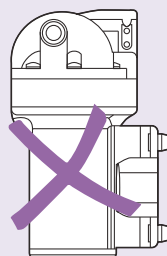
SHURflo

Tips For Installing Shurflo Pumps



Mounting:

- Consider a dry location that allows easy access if maintenance is required.
- Excessive heat may trigger the integral thermal breaker and interrupt operation. When the temperature drops the pump will start operating again.
- If mounting the pump vertically the pump head should always be positioned downwards. Shurflo recommends at least 1ft. of 1/2 I.D flexible high pressure tubing at both ends.



- Shurflo hex/swivel barb fittings provide easy removal.
- Shurflo fittings are designed with a taper-seal, creating a water tight connection when hand-tightened.
- Do not use thread tape.

High Pressure Diaphragm Pump For Desalination


NEW

NEW ENTRY
2 YEAR WARRANTY

Part No.	Volts (V)	Amp (A)	Shut-Off Pressure	Flow Rate		Port Size Inlet/Outlet	Dimensions L x W x H (mm)
				(GPM)	(LPM)		
232147	12	12.5	125	1.8	6.8	Ports: 3/8" Female.	223 x 120 x 115

- Replacement pump for Spectra desalination.
- The SLV Pump self-primers up to 8 vertical feet (2.4m) while delivering over 6 LPM.
- Can run dry without damage.
- Built-in check valve
- 3/8" NPT female port.
- Thermally Protected, CE Certified, Ignition Protected ISO 8846.
- RCM Certified to Australian Standards.
- 2 Year Warranty.

SHURflo

Non Return Valve


SHURflo
1 YEAR WARRANTY

Part No.	Description	Port Size
23958	In-Line Check Valve 1/2" Barbed Tails	9.1" x 4.8" x 3.8" (232 x 121 x 97mm)

- Allows flow in one direction only to safeguard against back surge up to 100 PSI (6.8 BAR).
- 1/2" Barbs.
- 1 Year Warranty.

Accumulator Tank - Pre Pressurised


SHURflo
1 YEAR WARRANTY

Part No.	Total Volume	Maximum Pressure	Pre-Charge	Dimensions L x W x H (mm)
23959	24 oz. (710 ml)	125 PSI (8.8 BAR)	30 PSI (2.0 BAR)	232 x 121 x 97

- 24 oz (710 ml) nylon tank.
- Can be used on all Shurflo Pumps except the S.M.A.R.T Range.
- Reduce cycling pulsation and pressure spikes.
- Increase the life of your pump.
- Save battery power.
- Easily handles pressure requirements from 20 PSI to 125 PSI.
- Includes 23962 wingnut to wingnut adaptor.
- 1/2" NPT Ports.
- 1 Year Warranty.

Fresh Water Inlet - Pressure Reducers - Recessed



Part No.	Mount	Colour	Pressure (PSI)	Dimensions H x W (mm)	Recess Depth (mm)	Recess Cutout (mm)	Mount Screws (mm)
232140	Wall Mount	Gel White	65	117 x 117	120	Ø 88	4 r/h
232142	Wall Mount	Chrome	65	117 x 117	120	Ø 88	4 r/h
232143	Wall Mount	Black	50	117 x 117	120	Ø 88	4 r/h

- Diaphragm design prevents high-pressure damage often caused by city water systems.
- Reduces mains water pressure to 65psi.
- Leak-tight, stress and crack-resistant while surpassing all check valve code requirements.
- Include a check valve.
- 3/4" NPT (F) inlet suits 45335 3/4" NPT (M) x snap-on tail.
- 1/2" NPSM - Male outlet.


SHURflo

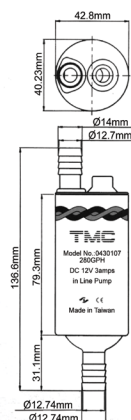


Pump Systems In-Line, Caravan, Impeller & Gear Pumps

Pump - Inline - Water

Part No.	Volts (V)	Amp (A)	Flow Rate		Delivery Head (ft)	Outlet Ø (mm)	Dimensions L x W x H (mm)
			(GPH)	(LPH)			
23183	12	3	280	1060	23.1 (7m)	12.7 (1/2")	42.8 x 40 x 136

- Designed to be a secondary pump in a large system to keep pressure even throughout the system.
- To be used with fresh water or salt water.
- Designed for confined spaces.
- 1 Year Warranty.



23183



Pump - Inline - Water

Part No.	Volts (V)	Amp (A)	Flow Rate		Delivery Head (ft)	Outlet Ø (mm)	Dimensions L x W x H (mm)
			(GPH)	(LPH)			
23184	12	2	100	378.5	16	11	40 x 38 x 103

- Designed to be a secondary pump in a large system to keep pressure even throughout the system.
- To be used with fresh water or salt water.
- Designed for confined spaces.
- 1 Year Warranty.



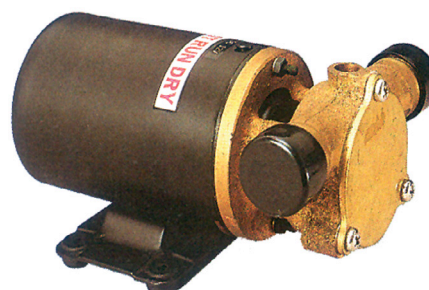
23184



Pumps - Impeller - Bronze Body

Part No.	Volts (V)	Amp (A)	Suction Height (ft)	Dimensions L x W x H (mm)
23253	12	8	13	175 x 120 x 90
23254	24	4	13	175 x 120 x 90

- Fresh or salt water.
- Bronze body.
- Capacity: 400GPH (25LPM).
- Inlet/Outlet (dual size):
Internal Thread 1/2" BSP (F).
External Thread 3/4" NPT Male.
- 1 Year Warranty.





Bilge Pump - Manual

Manual Bilge Pump

Pump - Bilge Manual - DD120A

136 Litres/min



Part No.	Description	Capacity (Ltr/min)	Max. Head (m)	Max. Lift (m)	Hose I.D. (mm)	Weight (kg)	Height (mm)	Length (mm)	Width (mm)
23510	DD120A Ocean Master Bilge Pump	136	6	6	38	4.5	265	356	183
23528	Under Deck Bracket & Cover								
23530	Service Kit								
23552	Spare Conrod Assembly								
23554	Spare Rocker Arm Assembly								

- The DD120A has a robust construction and large capacity are designed for heavy duty applications, ideal for work boats and larger leisure craft, designed with removable handle.
- The double diaphragm design ensures maximum efficiency.
- Hand wheels allow easy access to the pumping chamber, no tools are required.
- The pump body is made from polyester coated aluminium.
- All fastenings and handles are made from stainless steel.
- Nitrile rubber diaphragms are fitted as standard.
- Mount holes Ø 10mm.
- Mount centres 130mm x 150mm.

Patay
Pumps

Pump - Bilge Manual - DD120M

136 Litres/min



Part No.	Description	Capacity (Ltr/min)	Max. Head (m)	Max. Lift (m)	Hose I.D. (mm)	Weight (kg)	Height (mm)	Length (mm)	Width (mm)
23512	DD120M Ocean Master Bilge Pump	136	6	6	38	4.5	265	356	183
23530	Service Kit								
23552	Spare Conrod Assembly								
23554	Spare Rocker Arm Assembly								

- DTI approval for use on life boats, it is supplied with swivel arms and captive wheel nuts, designed with removable handle.
- The double diaphragm design ensures maximum efficiency.
- Quick release hand wheels allow easy access to the pumping chamber, no tools are required.
- The pump body is made from polyester coated aluminium.
- All fastenings and handles are made from stainless steel.
- Nitrile rubber diaphragms are fitted as standard.
- Mount holes Ø 10mm.
- Mount centres 130mm x 150mm.

Patay
Pumps

Pump - Bilge Manual - DD120

136 Litres/min



Part No.	Description	Capacity (Ltr/min)	Max. Head (m)	Max. Lift (m)	Hose I.D. (mm)	Weight (kg)	Height (mm)	Length (mm)	Width (mm)
23511	DD120 Portable Bilge Pump	136	6	6	38	6.4	295	560	200
23530	Service Kit								
23552	Spare Conrod Assembly								
23554	Spare Rocker Arm Assembly								

- The Patay® DD120 Bilge Pump is portable, lightweight and suited for shipping, construction, agriculture, fire departments and petrol forecourts, designed with removable handle.
- The double diaphragm design ensures maximum efficiency.
- Hand wheels allow easy access to the pumping chamber, no tools are required.
- The pump body is made from polyester coated aluminium.
- All fastenings and handles are made from stainless steel.
- Nitrile rubber diaphragms are fitted as standard.
- Mount holes Ø 10mm.
- Mount centres 130mm x 150mm.

Patay
Pumps

Supplied with base
not shown in image



Pump - Bilge Manual - DD100A

Part No.	Description	Capacity (Ltr/min)	Max. Head (m)	Max. Lift (m)	Hose I.D. (mm)	Weight (kg)	Height (mm)	Length (mm)	Width (mm)
23514	DD100A Sea Master Bilge Pump	80	6	6	32	3.1	244	200	156
23532	Service Kit								

80 Litres/min

- The Patay® DD100A Sea Master can be on deck or under deck mounted or alternatively, bulk head or through bulk head mounted.
- The handle of this pump swings to either side of a vertical line.
- The double diaphragm design ensures maximum efficiency and added safety.
- Easy access to the pumping chamber is provided by hand wheels, no tools are required.
- The pump body is made from polyester powder coated aluminium.
- All fastenings and handles are made from stainless steel.
- Removable handle.
- Nitrile rubber diaphragms are fitted as standard.
- Mount holes \varnothing 10mm.
- Mount centres 130mm x 150mm.

Patay
Pumps

Pump - Bilge Manual - DD70A

Part No.	Description	Capacity (Ltr/min)	Max. Head (m)	Max. Lift (m)	Hose I.D. (mm)	Weight (kg)	Height (mm)	Length (mm)	Width (mm)
23515	DD70A Sea Master Bilge Pump	70	4.5	6	25	3	265	356	183
23532	Service Kit								

70 Litres/min

- This useful pump has been polyester powder coated to resist corrosive materials.
- The double diaphragm design ensures maximum efficiency and added safety.
- The robust construction and large capacity are designed for heavy duty applications, ideal for work boats and larger leisure craft.
- Easy access to the pumping chamber is provided by hand wheels, no tools are required.
- The pump body is made from polyester coated aluminium.
- All fastenings and handles are made from stainless steel.
- Removable handle.
- Nitrile rubber diaphragms are fitted as standard.
- Mount holes \varnothing 10mm.
- Mount centres 130mm x 150mm.

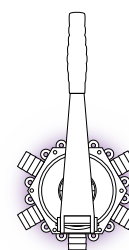
Patay
Pumps

Pump - Bilge Manual - SD60 - Under Deck

Part No.	Description	Capacity (Ltr/min)	Max. Head (m)	Max. Lift (m)	Hose I.D. (mm)	Weight (kg)	Height (mm)	Length (mm)	Width (mm)
23520	SD60 - Skipper Bilge Pump	80	4.5	6	25 / 38	0.6	120	200	180
23536	Service Kit								

80 Litres/min

- The Patay® Skipper SD60 is lightweight and designed for under deck mounting.
- The body and ports can be positioned in various ways for maximum flexibility of installation.
- Supplied with deck plate and seals.
- Reliable and inexpensive, this pump will withstand what ever the elements have to throw at it and will give years of trouble free use.
- The pump is made from polypropylene with stainless steel fastenings and polyester coated castings.
- Removable stainless steel handle.
- Nitrile rubber diaphragms are fitted as standard.

Possible Port (in/outlet)
PositionsPatay
Pumps

Manual Bilge Pump

Pump - Bilge Manual - SD60 - Removable handle

80 Litres/min



Part No.	Description	Capacity (Ltr/min)	Max. Head (m)	Max. Lift (m)	Hose I.D. (mm)	Weight (kg)	Height (mm)	Length (mm)	Width (mm)
23522	SD60 - Skipper Bilge Pump	80	4.5	6m	25 / 38	0.6	120	200	180
23536	Service Kit								

- The Patay® Skipper SD60 is lightweight and designed for surface mounting on the deck or bulkhead.
- The body and ports can be positioned in 96 different ways for maximum flexibility of installation.
- Supplied with deck plate and seals.
- Reliable and inexpensive, this pump will withstand what ever the elements have to throw at it and will give years of trouble free use.
- The pump is made from polypropylene with stainless steel fastenings and polyester coated castings.
- Removable stainless steel handle.
- Nitrile rubber diaphragms are fitted as standard.

Patay
Pumps

Pump - Bilge Manual - SD60 - Fixed Handle

80 Litres/min



Part No.	Description	Capacity (Ltr/min)	Max. Head (m)	Max. Lift (m)	Hose I.D. (mm)	Weight (kg)	Height (mm)	Length (mm)	Width (mm)
23523	SD60 - Skipper Bilge Pump with Fixed Handle	80	4.5	6	25 / 38	0.6	120	200	180
23536	Service Kit								

- The Patay® Skipper SD60 is lightweight and designed for surface mounting on the deck or bulkhead.
- The body and ports can be positioned in 96 different ways for maximum flexibility of installation.
- Supplied with deck plate and seals.
- Reliable and inexpensive, this pump will withstand what ever the elements have to throw at it and will give years of trouble free use.
- The pump is made from polypropylene with stainless steel fastenings and polyester coated castings.
- Nitrile rubber diaphragms are fitted as standard.

Patay
Pumps

Pump - Bilge Manual - SD60 - Portaloo

66 Litres/min



Part No.	Description	Capacity (Ltr/min)	Max. Head (m)	Max. Lift (m)	Hose I.D. (mm)	Weight (kg)	Height (mm)	Length (mm)	Width (mm)
23524	SD60T - Toilet Pump	66	4.5	6	25	0.88*	340	175	155

- The SD60 Toilet Pump has been designed for the portaloo toilets.
- The rugged design can withstand the most arduous and prolonged use.
- It has an excellent capacity of 0.75 litres per stroke and can pass solids 12.5mm when fitted with 25mm ports.
- Simple to install with the round mounting ring and self-tapping screws and fully interchangeable with other leading makes.
- The inlet and outlet ports can be rotated in four directions to best suit individual application.
- Pump is made from corrosion resistant materials throughout with a polypropylene body, nitrile seals, stainless steel fastenings and a one piece integral cast aluminium handle.
- Nitrile diaphragms are fitted as standard.

*NOTE: The weight includes plate bracket and screws.

Patay
Pumps



Patay® - Pump - Spare Parts

Part No.	Description
23550	Handwheel suits 23510 and 23512
23552	Patay D120 Conrod Assembly suits 23510 to 23512
23554	Patay D120 Rocker Arm Assembly suits 23510 and 23512
23530	D120 Service Kit suits the 23510 to 23512
23537	SD60/DD120 Oval Deck Flange, Rim and Seal Kit - Old Style
23560	Patay SD90 Rubber Deck Seal Oval
23561	Patay SD60 Rubber Deck Seal Ring Oval - Old Style
23527	Under Deck Seal and Cover
23528	Under Deck Bracket Seal and Cover

- **23530** This Service kit is for the Patay™ DD120 Ocean Master pump range. The kit is supplied with 2 nitrile diaphragms, 1 conrod, 1 diaphragm plate and 2 fixing screws and washers. Also suitable for Jabsco® Amazon Pump.
- **23537** Suitable for the Patay® SD60/DD120 bilge pump. Includes oval deck flange and rim.
- **23527** Suitable for Patay® Skipper SD60 bilge pumps. Includes seal, cover and four nuts and screws.
- **23528** Suitable for Patay® DD120A/M bilge pumps. Includes deck bracket, seal, cover and four nuts and screws.



23550



23554



23552



23530



23537



23560



23561



23527



23528

Patay
Pumps

Pump - Bilge Manual - Removable Handle

Part No.	Description	Capacity (Ltr/min)	Max. Head (m)	Max. Lift (m)	Hose I.D. (mm)	Weight (kg)	Height (mm)	Length (mm)	Width (mm)
23021	Manual Bilge Pump with Removable Handle	50	3	4	25 / 38	0.75	375	160	90
23021A	Spare Diaphragm To Suit 23021								

50 Litres/min

- Economical manual bilge pump offering great value.
- Black nylon construction with removable stainless steel handle.
- This self priming pump will deliver approximately 50 litres of water per minute.
- Dual size inlet/outlet suits both 25mm and 38mm I.D hose.



General Purpose Systems Non-return Valves



Patay® - Strum Box & Non Return Valve

Patay
Pumps



Part No.	Description
23538	25/38mm Strum Box Strainer

- Strum box strainer with Non-Return valve suits all pumps.
- Supplied with 25mm and 38mm hose connector options.

Patay® - Non Return Valves

Patay
Pumps



Part No.	Description
23539	Non-Return Valve suits 20mm Hose
23540	Non-Return Valve suits 25mm Hose
23542	Non-Return Valve suits 38mm Hose

- Suitable for all water pumping applications.
- Polypropylene body, neoprene valve and stainless steel hardware.
- Can be converted to right angle.

Non Return Valve - Stepped

Premium



Part No.	Description
45458	25/40mm Non-Return Valve
45459	29/40mm Non-Return Valve (suits most 1000 - 2000 GPH Bilge Pumps)

- Dual size to suit two different hose sizes.
- Made from reinforced nylon with neoprene valves and stainless steel fasteners.
- Australian made premium valves.

One Way Valve & Non Return Valve - Small - Stepped

Premium



Part No.	Description
45484	Non-Return Valve suits 12mm and 20mm

- One way valve suitable for galley pumps.
- Stepped ports suit 12/20mm hose sizes.
- Australian made premium valves.

Non Return Valve - TruDesign®



Premium



TRUDESIGN

Part No.	Hose Tail Ø		Colour	Recommended Flow-rates (Litre/min)	Opening Pressure (psi)
	(in)	(mm)			
450040	¾"	19	Black	15 – 42	~ 0.41
450042	1"	25	Black	25 – 79	~ 0.29
NEW ENTRY 450043	1-⅛"	28	Black	25 – 79	~ 0.29
450044	1-¼"	32	Black	32 – 117	~ 0.26
450046	1-½"	38	Black	61 – 193	~ 0.23
450048	2"	50	Black	87 – 322	~ 0.22

- See TruDesign "Non Return Valve - TruDesign®" on page 491 for more detail.

Non Return Valve Heavy Duty



Part No.	Description
5022	¾" BSP Non-Return Valve
5023	1" BSP Non-Return Valve
5024	1-¼" BSP Non-Return Valve
5025	1-½" BSP Non-Return Valve

- Parallel BSP thread, stainless steel spring loaded non-return valve.



Pick - Up Strainer - Horizontal Pump Intake

Part No.	Description	Suits Port Dia. (mm)	Max. Flange Dia. (mm)	Hole Mounts (mm)	Dimensions L x W (mm)
23570	Water Pick-Up Strainer	27.9	52	2	60 x 80
23572	Water Pick-Up Strainer	27.9	57	4	85 x 80

- Fills and aerates Live Well while underway.
- Eliminates need for re-circulation that recycles oxygen depleted water in live wells.
- Mounts over aerator pump intake built in filter screen.

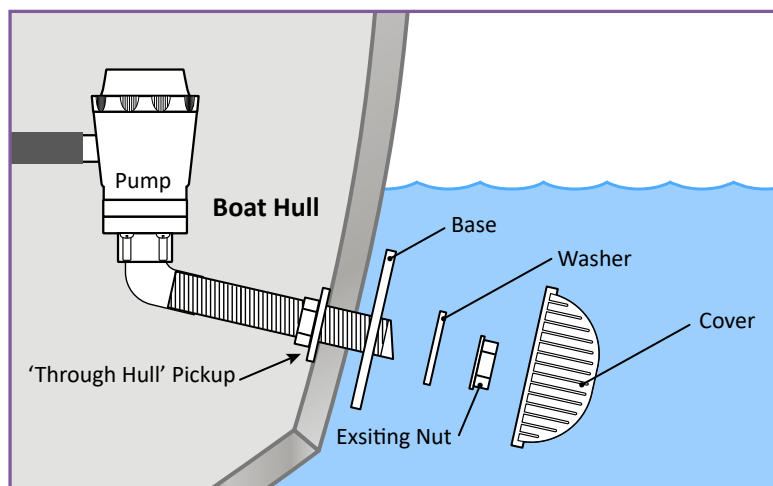
NOTE: Use with angle port pumps **23031** and **23029**.



23570



23572



Pump - Drill Operated

Part No.	Flow Rate		Port Size	Dimensions
	(GPM)	(LPM)		
23947	3.5	13.2	3/4" GSH M	1/4" (6mm) Drill Shaft - Flexible BUNA Impeller. 8ft (2.4m) Prime

- Perfect for oil change, winterising, automatic transmission fluids, anti-freeze solutions, low viscosity gear and liquid transfer.
- 1/4" shaft fits standard drill.
- Self primes up to 8ft vertical, 25 feet horizontal.
- Pumps liquids 40°F-120°F.
- Buna-N impeller seals.
- 3/4" male garden hose ports.
- Hoses Included.
- CE Certified.
- 1 Year Warranty.



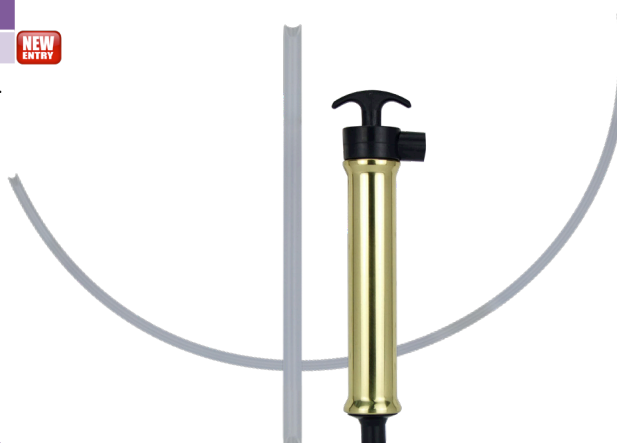
SHURflo®

Pump - Brass Sump

Part No.	Description
23084	Brass Sump Pump



- A brass bodied engine oil pump with inlet dip hose and outlet dip hose.
- Internal rubber components are made from nitrile rubber.
- Extremely resilient and can withstand higher temperatures which is ideal for oil changes.



Pumps - Bilge - Shurflo



Part No.	Series	Head 0ft		Head 3ft		Head 6ft		Volts (V)	Amps (A)	Max. Head (ft)	Outlet Dia. (in)	Dimensions (mm)	
		(GPH)	(LPH)	(GPH)	(LPH)	(GPH)	(LPH)					H	W
232100	500	500	1893	430	1628	270	1022	12	1.8	7.5	¾"	114	95
232101	700	700	2650	600	2271	500	1893	12	3.2	10	¾"	114	95
232102	1000	1000	3785	840	3180	650	2460	12	3.2	11	1-½"	114	95



- Fully submersible with anti-airlock protection.
- Stainless steel shaft.
- Tough nylon impeller and baseplate construction.
- Transom mount with 1.8m (6ft) tinned wire for easy installation.
- CE Certified, Ignition Protected ISO 8846.
- Mounting clip suits **23224** SHURflo® Bilge Pump Float Switch.
- RCM Certified to Australian Standards.
- Built in mounting.
- 3 Year Warranty.



Once the base is secured to the hull the bilge pump can be rotated 180° left or right for easy installation refer to your instruction guide supplied.

SHURflo



Directly mounts on to bilge pump.

Float Switch - SHURflo



Part No.	Volts (V)	Amp Max (A)	Dimensions (mm)
23224	12/24	12/6	112 x 92 x 32

- Combine with SHURflo® bilge pumps for automatic operation.
- Can be direct mounted on the **232100, 232101 and 232102**, or remote mounted on the **232104 232106 and 232108 Bilge Pumps**
- Non-mercury mechanical switch.
- Remote or direct mounting on to bilge pump for easy installation.
- 0.9m (3ft) tinned wire assembly.
- Mounting clip suits **23224** SHURflo® Bilge Pump Float Switch.
- CE Certified, Ignition Protected ISO 8849.
- 3 Year Warranty.

SHURflo



Pumps - Bilge - Large - Shurflo

Part No.	Series	Head 0ft		Head 3ft		Head 6ft		Volts (V)	Amps (A)	Max. Head (ft)	Hose Dia. (in)	Dimensions (mm)		
		(GPH)	(LPH)	(GPH)	(LPH)	(GPH)	(LPH)					A	B	C
232104	1500	1800	6814	1700	6435	1600	6057	12	8	14	1-1/8"	184	160	98
232106	2000	2200	8328	2000	7571	1900	7192	12	10	18	1-1/8"	184	160	98
232108	2000	2200	8328	2000	7571	1900	7192	24	5	18	1-1/8"	184	160	98



- Tough nylon heavy duty housing construction.
- Patented water cooled motor ensures high performance and long life.
- Fully submersible with anti-airlock protection.
- Patented snap swivel base with 1.8m (6ft) tinned wire for easy installation.
- CE Certified, Ignition Protected ISO 8846.
- RCM Certified to Australian Standards.
- 3 Year Warranty.

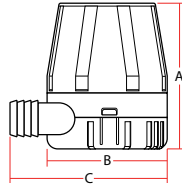


SHURflo



Pumps - Compact Bilge - TMC

CE	Part No.	Description	Head 0m		Head 1m		Head 2m		Volts (V)	Amp (A)	Fuse (A)	Max. Head (m)	Hose Dia. (in)	Dimensions (mm)		
			(GPH)	(LPH)	(GPH)	(LPH)	(GPH)	(LPH)						A	B	C
	23186	450 Series	450	1704	320	1211	120	454	12	1.5	2.5	2	3/4"	84	93	74
NEW ENTRY	23186-BULK	450 Series - 6 Pack														
	23189	900 Series	900	3406	800	3028	600	2271	12	3.5	5	3.5	1"	107	129	98
NEW ENTRY	23189-BULK	900 Series - 6 Pack														

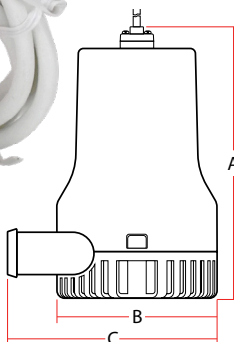


- Fully submersible bilge pump.
- Permanent magnet motor.
- Compact design.
- Corrosion resistant plastic housing.
- Tough nylon impeller construction.
- Snap-on base for easy mounting or cleaning.
- Transom mount with 0.9m (3ft) wire for easy installation.
- CE Certified: Ignition Protected ISO 8846 & Bilge Pump Std ISO 8849.



Pumps - Bilge - TMC

CE	Part No.	Description	Head 0m		Head 1m		Head 2m		Volts (V)	Amp (A)	Fuse (A)	Max. Head (m)	Hose Dia. (in)	Dimensions (mm)		
			(GPH)	(LPH)	(GPH)	(LPH)	(GPH)	(LPH)						A	B	C
	23190	500 Series 12V	500	1892	400	1514	300	1135	12	4	6	4	3/4"	135	88	114
NEW ENTRY	23190-BULK	500 Series 12V - 6 Pack														
	23192	1000 Series 12V	1000	3785	750	2838	550	2081	12	5.5	8	4	1	135	88	114
NEW ENTRY	23192-BULK	1000 Series 12V - 6 Pack														
	23195	1500 Series 12V	1500	5678	1050	3974	350	1324	12	8	10	3	1	165	121	145
NEW ENTRY	23195-BULK	1500 Series 12V - 4 Pack														
	23193	1500 Series 24V	1500	5678	1050	3974	350	1324	24	4	5	3	1	165	121	145
NEW ENTRY	23193-BULK	1500 Series 24V - 4 Pack														
	23194	2000 Series 12V	2000	7571	1500	5677	1100	4163	12	10	15	4	1	165	121	145
NEW ENTRY	23194-BULK	2000 Series 12V - 4 Pack														
	23196	2000 Series 24V	2000	7571	1500	5677	1100	4163	24	5	8	4	1	165	121	145
NEW ENTRY	23196-BULK	2000 Series 24V - 4 Pack														
	23175	2500 Series 12V	2500	9464	2200	8327	1800	6813	12	15	20	4.6	1-1/4"	195	132	166
NEW ENTRY	23175-BULK	2500 Series 12V - 4 Pack														
	23176	2500 Series 24V	2500	9464	2200	8327	1800	6813	24	7.5	12	4.6	1-1/4"	195	132	166
NEW ENTRY	23176-BULK	2500 Series 24V - 4 Pack														
	23177	3000 Series 12V	3000	11356	2700	10219	2300	8705	12	18	20	4.6	1-1/4"	195	132	166
NEW ENTRY	23177-BULK	3000 Series 12V - 4 Pack														
	23178	3000 Series 24V	3000	11356	2700	10219	2300	8705	24	9	10	4.6	1-1/4"	195	132	166
NEW ENTRY	23178-BULK	3000 Series 24V - 4 Pack														



- Fully submersible bilge pump.
- Permanent magnet motor.
- Compact design.
- Corrosion resistant plastic housing.
- Tough nylon impeller construction.
- Snap-off base for easy mounting or cleaning.
- Transom mount with 0.9m (3ft) wire for easy installation.
- CE Certified: Ignition Protected ISO 8846 & Bilge Pump Std ISO 8849.

Pumps - Low Profile Bilge - TMC

Part No.	Description	Flow Rate		Volts (V)	Amp (A)	Fuse (A)	Outlet Dia. (in)	Dimensions L x W x H (mm)
		(GPH)	(LPH)					
23191	Low Profile Bilge Pump	500	1892	12	2.5	4	¾" / 1"	223 x 122 x 60
23191-BULK	Low Profile Bilge Pump - 6 Pack							



NEW ENTRY

- Bilge pump designed for confined or tight spaces.
- Automatic operation.
- Drains down as low as 10mm.
- Strainer can be rotated and cover can be removed for easy cleaning.
- Built-in reverse polarity protection.
- Built-in non return valve to prevent back flow.
- Top breath holes to prevent airlocks.
- Outlet port can be rotated for different installation purposes.
- Vertical or horizontal mounting.
- CE Certified, ISO-9001 and ISO-14001.



Outlet can be rotated to suit any tight installation.



TMC

Pumps - Bilge - Auto Eye - TMC

Part No.	Description	Head 0m		Head 1m		Head 2m		Volts (V)	Amp (A)	Fuse (A)	Max. Head (m)	Outlet Ø (in)	Dimensions (mm)		
		(GPH)	(LPH)	(GPH)	(LPH)	(GPH)	(LPH)						A	B	C
23197	500 Series 12V	500	1892	300	1135	100	378	12	1.6	2.5	2.5	¾"	110	113	136
23197-BULK	500 Series 12V - 6 Pack														
23198	1000 Series 12V	1000	3785	800	3028	600	2271	12	4.5	6	4	1"	130	134	165
23198-BULK	1000 Series 12V - 6 Pack														
23199	1500 Series 12V	1500	5678	1250	4731	950	3595	12	9	12	4	1-½"	150	154	191
23199-BULK	1500 Series 12V - 6 Pack														



NEW ENTRY

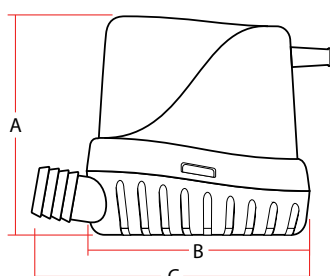
NEW ENTRY

NEW ENTRY

- Auto eye series fully automatic bilge pump.
- Built-in electronic controlled read sensor system.
- No separate float switch is needed.
- No power use until pump turns on.
- CE Certified, ISO-9001 certified ISO 14001.
- Two year limited warranty.



NOTE: As with all submersible electronics, attention is needed during installation to ensure that wiring connections remain above water level.



TMC

Float Switches

Float Switch - SHURflo



Part No.	Volts (V)	Amp Max (A)	Dimensions (mm)
23224	12/24	12/6	112 x 92 x 32



- Combine with SHURflo® bilge pumps for automatic operation.
- Non-mercury mechanical switch.
- Remote or direct mounting on to bilge pump for easy installation.
- 0.9m (3ft) tinned wire assembly.
- CE Certified, Ignition Protected ISO 8849.
- 3 Year Warranty.



Directly mounted on to bilge pump.

SHURflo

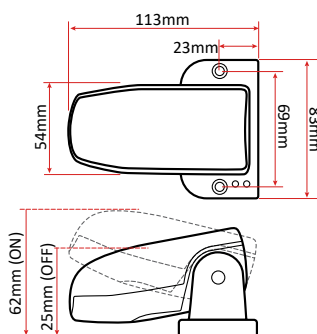
Float Switch

Great Value



Part No.	Volts (V)	Amp Max (A)	Dimensions (mm)
23179	12/24	10/5	113 x 83 x 25

- Combine with bilge pump for automatic operation.
- Float switch is made of high impact plastic, ultrasonically welded together for permanent waterproofing performance.
- Non-mercury mechanical switch.
- 8.5m tinned wire, fitted with eye terminals for easy installation.
- Supplied with 2 mounting screws.



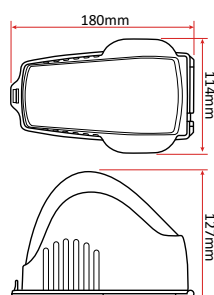
TMC

Float Switch - Guard



Part No.	Volts (V)	Amp Max (A)	Dimensions (mm)
23181	12/24	10/5	180 x 114 x 127

- Combine with bilge pump for automatic operation.
- Float switch is made of high impact plastic, ultrasonically welded together with easy to remove shield.
- Non-mercury mechanical switch.
- Clear plastic shield makes it easy to see if debris is blocking switch.
- 8.5m tinned wire, fitted with eye terminals for easy installation.
- Supplied with 4 mounting screws.



TMC



Diaphragm Pump

Pump - Diaphragm Foot Operated

Part No.	Flow Rate (GPH)	Hose Ø (mm)	Dimensions (mm)
23006	240	14.5	237 x 153 x 124

- Self-priming and double acting.
- Adjustable multi-directional inlet and outlet hose connections.
- Can be installed inside a locker space with pedal only projecting.
- CE Certified, ISO-9001 & ISO-14001.



TMC

Bilge Pump Strainers

Strainer - Water

Part No.	Description	Port Size
23955	Twist-On Water Strainer	½" (13mm) Pipe Inlet

- Designed to protect your pump from harmful debris. Big protection from a small, yet essential product.
- Inlet ½" NPT-Female (can be screwed directly onto SHURflo® pump)
- Outlet ½" NPT-Male.
- Convenient and easy assembly.
- Keeps debris out of pump.
- Transparent, easy to see when strainer needs cleaning.
- 50 mesh stainless steel screen.
- 1 Year Warranty.



SHURflo®

Strainer - Water - High Flow

Part No.	Description
23988	Extreme™ Series High Flow Strainer

- The Extreme™ Series High Flow Strainer is engineered to compliment the higher performance of the Smart Sensor™ pumps.
- 50 Mesh screen protects pumps from harmful debris.
- High capacity.
- Rugged nylon housing with clear twist off polyamide bowl.
- Easy to clean slide out screen.
- Inlet: supplied with **23972** Quick Connect straight coupler.
- 1 Year Warranty.

NOTE: For use with all Extreme™ Series Smart Sensor™ 5.7 Pumps only.



SHURflo®

Strainers - Raw Water

Part No.	Description
23979	½" NPT (F) Raw Water Strainers
23984	¾" NPT (F) Raw Water Strainers
23986	1" NPT (F) Water Strainers
23987	Replacement Screen suits 23984 and 23986

- SHURflo's family of raw water strainers are built to keep your bait tank, livewell and wash down pumps protected from harmful debris.
- Twist off polyamide bowl and removable stainless steel screen, which allows for easy inspection and cleaning.
- Integral 'O'ring creates a tight seal, eliminating possible leaks, keeping your pumps and components lasting longer.
- 1 Year Warranty.



23987

SHURflo®

Blowers

Blowers - Inline



39322/ 39323



39321/ 39320

TMC

Part No.	Description	Hose Size (mm)	CFM	Volts (V)	Amp (A)	Dimensions (mm)	
39320	Blower Inline	76	122	12	5	135 x 210 x 111	
39321	Blower Inline	76	122	24	4.5	135 x 210 x 111	
39322	Blower Inline	105	230	12	10	152 x 204 x 131	
39323	Blower Inline	105	230	24	5	152 x 204 x 131	

- Provides ventilation for engine compartment, bilge and marine head closets.
- Rigid ABS plastic housing.
- 4-blade fan generating optimum exhaust capacity.
- Built-in mounting feet allow horizontal or vertical installation.

Blowers - Inline - Shurflo



Part No.	Description	Hose Size	CFM	Volts (V)	Amp (A)	Dimensions (mm)
39653	Blower	75mm (3")	120	12	3.8	130 x 140 x 96
39654	Blower	100mm (4")	220	12	5.5	130 x 162 x 122

- Ventilation for engine compartments, bilges, galleys and head closets.
- 6 Blade nylon fan in a heavy duty housing.
- Compact design with extended barbs for ease of installation.
- Sealed motor, shaft and wires for corrosion resistance and long life.
- CE Certified, Ignition Protected ISO 9097 **continuous duty**.
- RCM Certified to Australian Standards.
- 3 Year Warranty.



SHURflo

Blowers - Bilge - Bulkhead Mount



Ocean technologies

Part No.	Volts (V)	Amp (A)	m³p/h / CFM	Inlet (mm)	Outlet (mm)	Dimensions L x Ø (mm)
39726	12	3.9	750 / 441	178	178	235 x 195
39728	24	2.5	750 / 441	178	178	235 x 195

- Laguna Marine In Line Blowers utilise advanced fan blade design technologies suitable for bulkhead mounting.
- Industry leading input to output ratio.
- Quiet operation.
- Low current draw.
- Duty cycle 6 hours max. on, 30 mins off cool down.
- CE Certified, Ignition Protected ISO 8849, EN 55014.

Blower - Inline - Matro



Ocean technologies

Part No.	Volts (V)	Amp (A)	Static Pressure	Flow MC	Inlet (mm)	Outlet (mm)	Dimensions L x Ø (mm)
39730	12	5	30mm h20	750mc/h	188	178	160 X 195
39731	24	3	30mm h20	750mc/h	188	178	160 X 195

- Compact and simple design.
- Flexible installation.
- Low power consumption.
- Quiet operation.
- Five blade design maximises flow and performance.
- Long motor lifetime from powerful airflow coiling.
- CE Certified, Ignition Protected ISO 8849, EN 55014.

Blowers - Bilge - Flange Mount

Part No.	m³p/h / CFM	Volts (V)	Amp (A)	Inlet (mm)	Outlet (mm)	Dimensions (mm)
39700	280 / 163	12	3.9	75	72	200 x 165 x 195
39702	280 / 163	24	2.5	75	72	200 x 165 x 195
39704	550 / 324	12	11.5	100	103	290 x 257 x 150
39706	550 / 324	24	7	100	103	290 x 257 x 150
39708	750 / 441	12	15	150	103	290 x 257 x 150
39710	750 / 441	24	8	150	103	290 x 257 x 150
39712	1000 / 589	24	16	150	103	290 x 257 x 180



- Laguna Marine Flange Mount Blowers come in 12 and 24 volts, ranging from 163 to 589 cubic feet per minute designed for ventilating engine compartments, bilges, galleys and head closets.
- Made from strong fibreglass material with screws and shaft in stainless steel.
- Low current draw.
- Duty cycle 6 hours max. on, 30 mins off cool down.
- CE Certified, Ignition Protected ISO 8849, EN 55014, ISO 10133.

Blowers - Bilge - Flex Mount

Part No.	m³p/h / CFM	Volts (V)	Amp (A)	Inlet (mm)	Outlet (mm)	Dimensions (mm)
39714	550 / 324	12	11.5	100	103	290 x 257 x 150
39716	550 / 324	24	7	100	103	290 x 257 x 150
39718	750 / 441	12	15	150	103	290 x 257 x 150
39720	750 / 441	24	8	150	103	290 x 257 x 150
39722	1000 / 589	24	16	150	103	290 x 257 x 180



- Laguna Marine Flex Mount Blowers come in 12 and 24 volts, ranging from 324 to 589 cubic feet per minute designed for ventilating engine compartments, bilges, galleys and head closets.
- Made from strong fibreglass material with screws and shaft in stainless steel.
- Low current draw.
- Duty cycle 6 hours max. on, 30 mins off cool down.
- CE Certified, Ignition Protected ISO 8849, EN 55014, ISO 10133.

Blowers - Bilge - Flange Mount - Momentary

Part No.	m³p/h / CFM	Volts (V)	Amp (A)	Inlet (mm)	Outlet (mm)	Dimensions (mm)
39542	150 / 90	12	3	76	76	195 x 160 x 145

- The TMC Flange Mount Blower is designed to remove flammable fuel vapors from below deck for ventilating engine compartments, bilges, galleys and head closets.
- Spark proof.
- Maximum air flow 90 CFM.
- 76mm (3") Intake pipe.
- Bracket included.



Hose - Ventilation

Part No.	Description	Diameter (mm)	Length (metres)	Colour
765000	Ventilation Ducting Hose	75	3	White
765002	Ventilation Ducting Hose	75	15	Black
765004	Ventilation Ducting Hose	100	3	White
765006	Ventilation Ducting Hose	100	15	White

- Designed for venting bilge gases.
- Flame resistant PVC ducting.
- Ozone UV resistant.



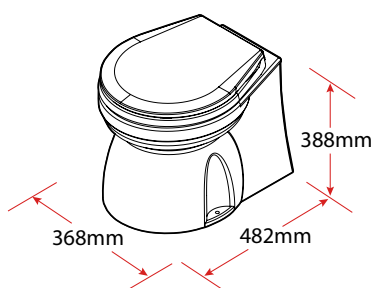
Toilet - Electric - Luxury - Standard Bowl

Part No.	Volts (V)	Amp (A)	Fuse (A)	Inlet/Outlet (mm)	Mount Screws (mm)	Dimensions H x D x W (mm)
45023	12	20	30	20/25	10 r/h	388 x 482 x 368



TMC

- Luxury home style toilet, white vitreous china bowl and moulded plastic seat and lid assembly.
- Soft close lid.
- Plastic seat and lid assembly.
- Push button operation.
- Strong motor and macerator unit for quiet efficient flushing.
- Supplied complete with wired switch box unit.
- An outlet adaptor is supplied to increase outlet size to 38mm for installation as a replacement of an existing manual toilet.



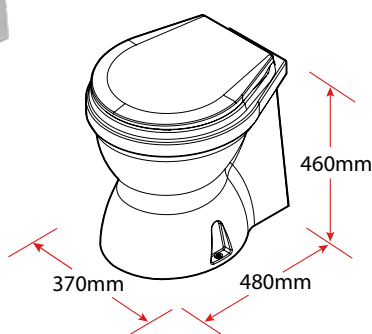
Toilets - Electric - Luxury - Large Bowl

Part No.	Volts (V)	Amp (A)	Inlet/Outlet (mm)	Mount Screws (mm)	Dimensions H x D x W (mm)
45035	12	20	25/25	10 r/h	450 x 470 x 360
45036	24	10	25/25	10 r/h	450 x 470 x 360



TMC

- Luxury home style toilet, white vitreous china bowl and moulded plastic seat and lid assembly.
- Soft close lid.
- Push button operation.
- Strong motor and macerator unit for quiet efficient flushing.
- Supplied complete with wired switch box unit.
- An outlet adaptor is supplied to increase outlet size to 38mm for installation as a replacement of an existing manual toilet.

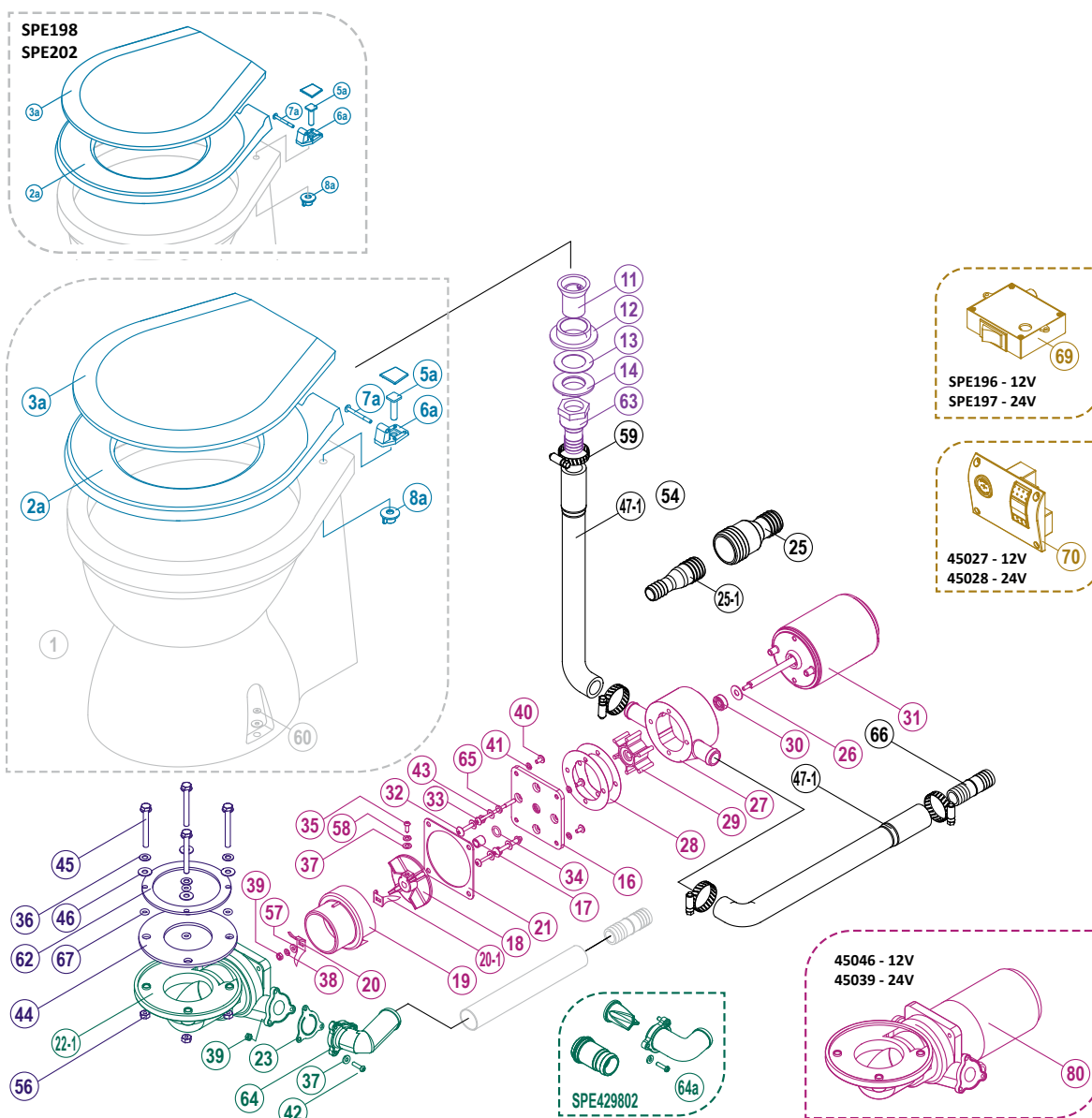




Toilet - Luxury - Spare Parts

Luxury Bowl Seat & Cover Kit

TMC



Part No.	Description	Toilet	Kit Ref No.
SPE202	Toilet Seat - Luxury & Large Bowl - Soft Close	45023, 45035, 45036, 45038, 45039	2a, 3a, 5a, 6a, 7a, 8a
SPE30	Electric Toilet Seal		30
SPE19	Macerator Housing		19
SPE16	Electric Toilet Wearplate		16
SPE34	Shaft O Ring Fits SPE16 Wear Plat		34
SPE3627	Pump Gasket Kit	All	17, 21, 26, 28, 32, 33, 34, 40, 41, 43, 65
SPE3626	Pump Razor Kit	All	20, 21, 35, 37, 38, 39, 40, 41, 57, 58
SPE3628	Pump Body Kit	All	21, 26, 27, 28, 29
SPE3634	Pump Impeller	All	28, 29
SPE18	Toilet Plastic Impeller		18
SPE191	24V Motor Only	45036	31
SPE190	12V Motor Only	45023, 45035	31
SPE22-1	Toilet Base - Luxury		22-1
SPE429802	Toilet Outlet Fitting Kit		64a
429801	Toilet Base Kit		22-1, 23, 37, 39, 42, 64

Part No.	Description	Toilet	Kit Ref No.
SPE4535	Base Gasket Kit	All	36, 44, 45, 46, 56, 60, 61, 62, 67
SPE62	White Plastic Shim		62
SPE3625	Bowl Inlet Fitting		11, 12, 13, 14, 63,
SPE63	Toilet Hose Joiner ¾" M/F - Luxury		63
SPE196	12V Switch Box	45023, 45035	69
SPE197	24V Switch Box	45036	69
45046	Complete Motor and Macerator Base Set to suits home style Toilet - 12V	45023, 45035	80
45039	Complete Motor and Macerator Base Set to suits home style Toilet - 24V	45036	80
SPE25-1	Hose Adaptor 16mm - 25mm		25
SPE25	Hose Adaptor 25mm - 38mm		25-1
SPE47-1	Toilet Black Hose w/ Elbow	All	47-1

All Parts Refer to TMC Home Style Toilets

Toilets - Electric - Standard - Small Bowl

Part No.	Volts (V)	Amp (A)	Seat	Inlet/Outlet Mount Screws (mm)	Mount Screws (mm)	Dimensions H x D x W (mm)
45040	12	20	Soft Close	25/25	10 r/h	330 x 445 x 365
45043	24	10	Standard	25/25	10 r/h	342 x 445 x 360

- Small bowl configuration.
- Push button operation.
- Soft close lid.
- White vitreous china bowl with plastic seat, soft close or standard lid.
- Strong motor and macerator unit for quiet efficient flushing.
- Supplied complete with wired switch box unit.
- An outlet adaptor is supplied to increase outlet size to 38mm for installation as a replacement of an existing manual toilet.



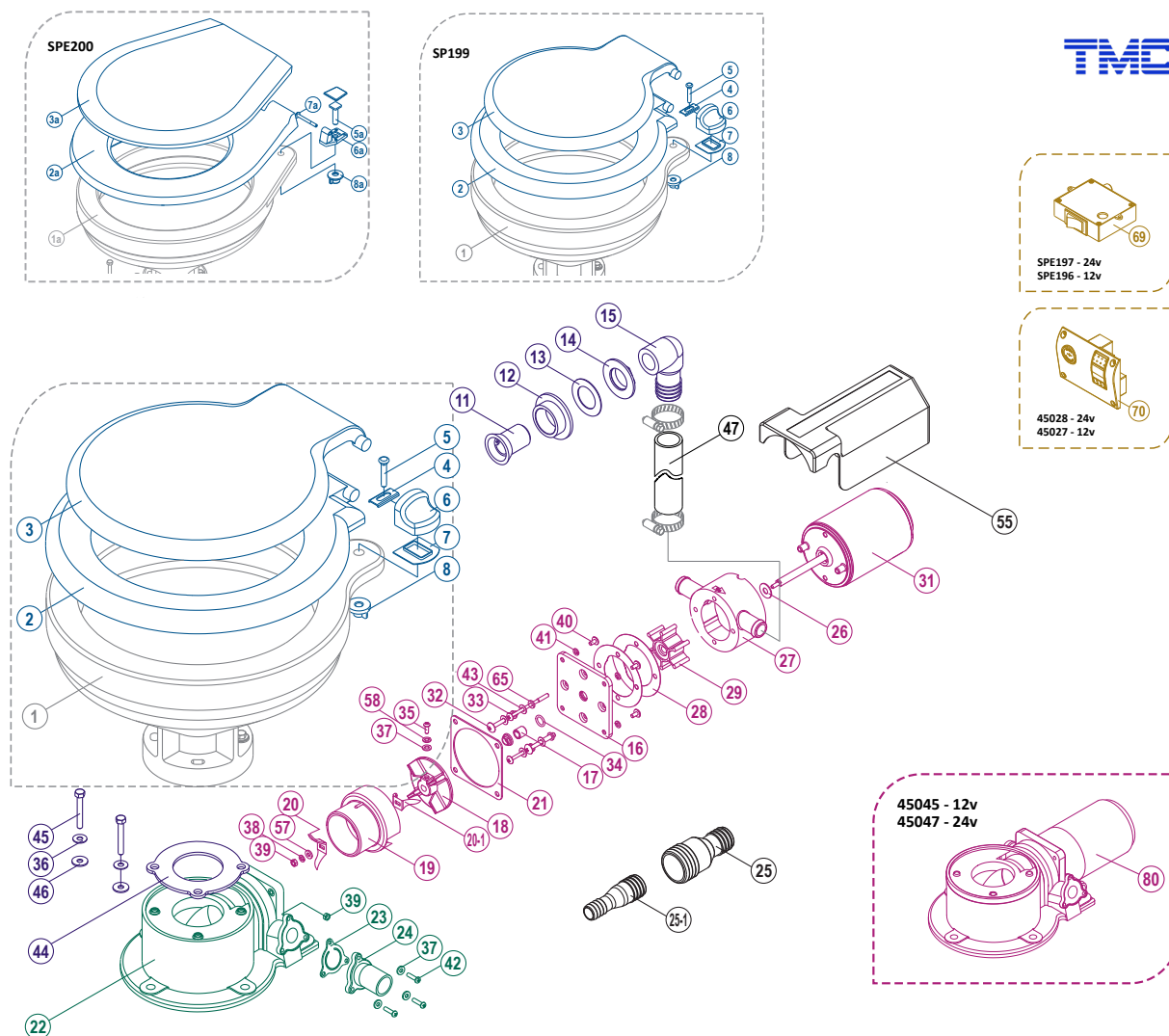
Toilets - Electric - Standard - Large Bowl

Part No.	Volts (V)	Amp (A)	Seat	Inlet/Outlet Mount Screws (mm)	Mount Screws (mm)	Dimensions H x D x W (mm)
45048	12	20	Soft Close	25/25	10 r/h	380 x 490 x 365
45049	24	10	Soft Close	25/25	10 r/h	380 x 490 x 365

- Large bowl configuration.
- Push button operation.
- Soft close lid.
- White vitreous china bowl with plastic seat and soft close lid.
- Strong motor and macerator unit for quiet efficient flushing.
- Supplied complete with wired switch box unit.
- An outlet adaptor is supplied to increase outlet size to 38mm for installation as a replacement of an existing manual toilet.



Toilet - Standard - Spare Parts

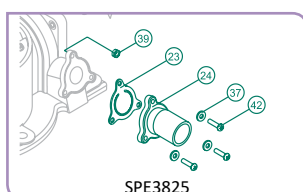
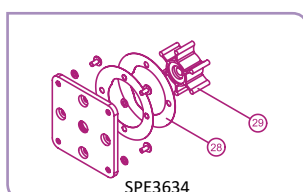
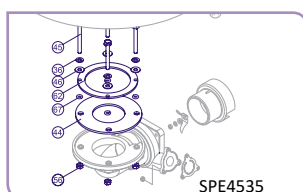
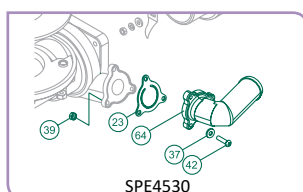
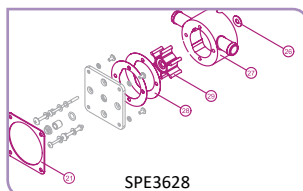
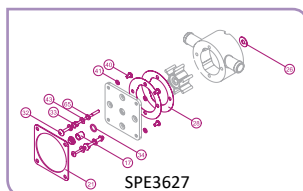
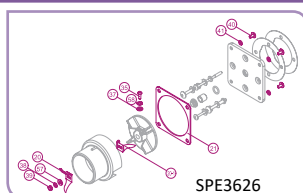
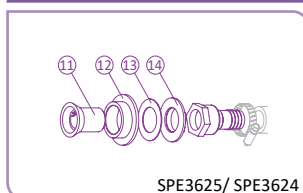


Part No.	Description	Toilet	Kit Ref No.
SP199	Toilet Seat - Small Std Bowl	45040, 45043	2,3,4,5,6,7,8
SPE200	Toilet Seat - Small Std Bowl - Soft Close	45040, 45043	2,3,4,5,6,7,8
SPE198	Toilet Seat - Luxury & Large Bowl	45023, 45035, 45036, 45038, 45039	2a, 3a, 5a, 6a, 7a, 8a
SPE202	Toilet Seat - Luxury & Large Bowl - Soft Close	45023, 45035, 45036, 45038, 45039	2a, 3a, 5a, 6a, 7a, 8a
SPE3825	Discharge Port Kit	45040-45049	39, 23, 24, 37 & 42
SPE4530	Base Port Kit	45040-45049	23, 37, 39, 42 & 64
SPE22	Base	45040-45049	22
SPE42	Screw for Discharge Port	45040-45049	42
SPE3625	Inlet Fitting Kit	45040-45049	11,12,13,14,15
SPE4535	Base Gasket Kit	45040-45049	36,44,45,46
SPE3626	Pump Razor Kit	45040-45049	20-21, 35, 37-41, 57 & 58
SPE3627	Pump Gasket Kit	45040-45049	17, 21, 26, 28, 32-34, 40-41, 43 & 65
SPE3628	Pump Body Kit	45040-45049	21 & 26-29

Part No.	Description	Toilet	Kit Ref No.
SPE16	Wearplate	45040-45049	16
SPE18	Centrifugal Impeller	45040-45049	18
SPE19	Macerator Housing	45040-45049	19
SPE34	Shaft O'ring fits SPE16 Wearplate	45040-45049	34
SPE190	12V Motor Only	45040-45049	31
SPE191	24V Motor Only	45040-45049	31
SPE196	12V Switch Box	45040-45049	69
SPE197	24V Switch Box	45040-45049	69
SPE55	Electric Motor Cover	45040-45049	55
SPE25-1	Hose Adaptor 16mm - 25mm	45040-45049	25-1
SPE25	Hose Adaptor 25mm - 38mm	45040-45049	25
SPE47-2	Toilet White Hose - Straight	45040-45049	47
45045	Complete motor and macerator base set to suits standard Toilet - 12V	45040-45049	80
45047	Complete motor and macerator base set to suits standard Toilet - 24V	45040-45049	80

All Parts Refer to TMC Standard Toilets.

Toilet - Electric - Spare Parts



Toilet - Electric - Dual Flush Control



Part No.	Description
SPE3624	Bowl Inlet Fitting Kit - 90°
SPE3625	Inlet Fitting Kit - Straight
SPE3626	Pump Razor Kit
SPE3627	Pump Gasket Kit
SPE3628	Pump Body Kit
SPE3634	Pump Impeller
SPE3825	Electric Toilet Discharge Port Kit
SPE4530	Base Port Kit
SPE4535	Base Gasket Kit
TMCE22-1	Base suits Luxury Home Style Toilets
SPE190	12V Motor Only
SPE191	24V Motor Only
SPE196	12V Switch Box
SPE197	24V Switch Box
SPE198	Deluxe Toilet Lid Assembly Kit
45046	Complete Motor and Macerator Base Set to suits TMC® Deluxe Toilet - 12V
45039	Complete Motor and Macerator to suits TMC® Deluxe Toilet - 24V (Base set not included*)
45045	Complete motor and macerator base set suits standard TMC® Toilet - 12V
45047	Complete motor and macerator base set suits standard TMC® Toilet - 24V
SPE22	Electric Toilet Base

Part No.	Description	Volts (V)
45027	Toilet Flush Control	12
45029	Toilet Flush Control	24

- Includes with boxed fuse package.
- One touch control panel.
- Equipped with splash proof seals.
- Built-in Max. 40 AMP relay circuit loop. Design to protect the operation against high current.
- Built-in micro IC control system allows.

Two flush options:

- Half flush - last for 5 seconds flush and delivers 2 litres of water.
- Full flush - last for 10 seconds and delivers 4 litres of water.



Toilets - Silent Luxury



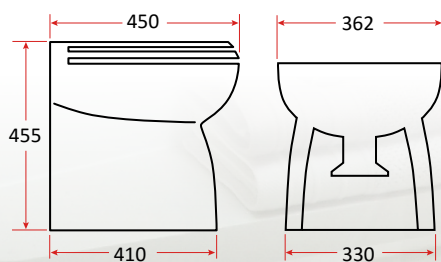
Standard Head - Soft Close					
Part No.	Volts (V)	Amp (A)	Inlet/Outlet (mm)	Water Consumption (Ltr)	Dimensions H x L x W (mm)
453054	12	18	19/38	1 - 2.5	455 x 450 x 362
453056	24	12	19/38	1 - 2.5	455 x 450 x 362
453055	Replacement Standard Head Bowl Only suits 453054 and 453056				

- Italian designed and crafted vitreous white porcelain bowl, seat and lid in wood with stainless steel hinges. Deluxe design just like a home toilet.
- Standard head model (455mm height).
- Hydrovacuum system.
- Base is made from an anti-crash material and the body pump is brass.
- Compact size, extremely comfortable.
- Easy to install either above or below sea level.
- Low water consumption (approximately 1 - 2.5 litres).
- Quiet operation.
- Includes 3 button switch panel.
- CE Certified, ISO 8846, EN 55014.
- The Luxury design features the "soft close" seat and lid.

NOTE: Water delivery pump, see Toilet - Inlet Pump on page 448



453054/453056



Standard Head &
Luxury Head Soft close



Toilet Spares & Accessories

Toilet - Base - Conversion Kit - Silent



Part No.	Description	Volts (V)
453040	Hydrovacuum Kit	12
453042	Hydrovacuum Kit	24

- Converts compact and comfort bowl of most toilets with 4 bolt fixing bowls and bolt centres on a 95mm (3-7/8") diameter.
- Suits Matromarine, Jabsco, TMC, Raritan, RM69, Johnson Pumps and Thetford.
- Kit contains stainless steel bolts and washers, hose and gaskets and control panel.

Toilet Motor Vacuum Kits



Part No.	Description	Volts (V)
NEW ENTRY 453043	Toilet Motor Vacuum Kit 12V to suit Laguna and Deluxe Standard	12
NEW ENTRY 453044	Toilet Motor Vacuum Kit 24V to suit Laguna and Deluxe Standard	24

453043 / 453044

3 Buttons Control Panel



Part No.	Description
453060	Replacement 3 Buttons Control Panel with Level Indicator

- Matromarine 3 Button Control Panel is the latest in design and technology, equipped with a programmed microprocessor having 3 options:-
- LED indicator lights - ON/EMPTY - 3/4 - FULL
- SHORT USE: ideal for reduced water consumption.
- BEFORE USE: pressed before use, coating the surface with water, thus preventing waste from adhering to the ceramic sides of the toilet.
- AFTER USE: this button is pushed after using the toilet to start a complete flush leaving the bowl clean and in the stand-by position.
- Suits 12V/24V.

Level Sensors - Aqualarm - TruDesign®



Part No.	Description	Volts (V)	Cut Out (mm)
45302	Aqualarm Tank Sensor Switch	12	28
45304	Aqualarm Display Panel	12	38

- The Aqualarm System provides early warning when the black water holding tank is nearly full. The system is comprised of a panel indicator and sensor switch.
- The Aqualarm System is designed to operate on 12 volt DC.
- Tank Sensor Switch distance from under gasket or top of tank to bottom of float 95mm.
- Stainless Steel fastenings, internal wire tinned against corrosion.

NOTE: DO NOT use in fuel tank.



Waste Tank Sender Unit - 3 Buttons Control Panel

Part No.	Description
453099	130mm LOA Waste Tank Sender Unit suits 453060
453098	190mm LOA Waste Tank Sender Unit suits 453060

- Waste Tank Sender Unit suits **453060**.



Toilet Bowl - Only

Part No.	Description	Suits Toilet
453035	Replacement Toilet Bowl - Compact	453030 / 453034
453055	Replacement Toilet Bowl - Luxury Standard	453054 / 453056

- Bowl only, Lid not included.



*453055 Lid not included

Toilet - Inlet Pump

Part No.	Description	Flow Rate (LPM)	Volts (V)	Ports
453091	Bluewave Flush Pump	9	12	¾" BSP/M
453092	Bluewave Flush Pump	9	24	¾" BSP/M

- Flush pump 9 LPM.
- Includes 2 x ¾" screw on tails.
- Includes water filter with ¾" tails.
- Italian made quality.



Toilet - Inlet Valve

Part No.	Description	Volts (V)	Ports
453048	Bluewave Inlet Hydro Valve	12	½" BSP/F

- Brass body with ½" BSP ports.
- Use with 12V water pressure system or delivery pump.
- Italian made quality.



Toilet - Portable Chemical

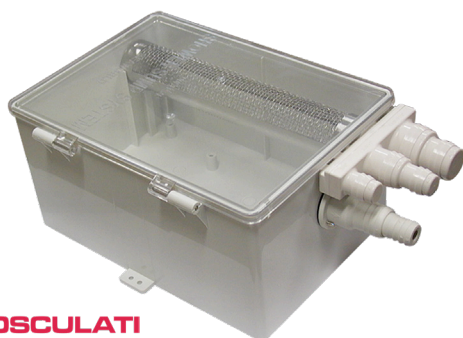
Part No.	Description	Dimensions (Closed Lid) H x L x W (mm)
45021	Portable Chemical Toilet - 10 Litre	310 x 415 x 355
45041	Portable Chemical Toilet - 11 Litre	314 x 410 x 361
45041R	Stainless Steel Retainer Clip Set suits 45041	

- The portable toilet is the perfect solution where sewage is not permitted to be discharged overboard.
- High-density polyethylene tank.
- ABS seat and cover
- Reliable bellows flush pump for simple flushing.
- Detachable waste tank for easy disposal of waste into domestic toilet or sewage collection point.



Waste Tanks

Shower Sump Box



Part No.	Description	Dimensions L x W x H (mm)
45236	Grey Water Catchment Tray	275 x 200 x 140

- Centralises all water drains from showers, sinks etc.
- Fits hoses Port sizes $\frac{3}{4}$ " - 1- $\frac{1}{2}$ ".
- Pump or switch not included.

Shower Sump & Pump Kits



Part No.	Description	Dimensions L x W x H (mm)
45235	Shower Sump & Pump Kit 12V	190 x 335 x 130
45234	Shower Sump & Pump Kit 24V	190 x 335 x 130

45235 Kit Includes:

- Shower sump box (**45236**).
- Shurflo 700gph 12V bilge pump.
- Shurflo float switch.
- Port sizes $\frac{3}{4}$ " - 1- $\frac{1}{2}$ ".

45234 Kit Includes:

- Shower sump box (**45236**).
- Rule 500gph 24V bilge pump.
- Shurflo float switch.
- Port sizes $\frac{3}{4}$ " - 1- $\frac{1}{2}$ ".

Waste Tanks - Side Mount

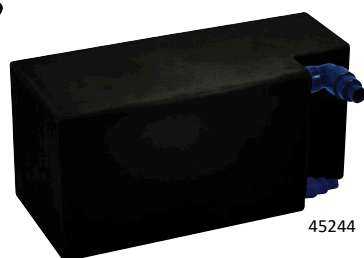
Connector Kit Included
with Each Tank



45242



45240



45244



Part No.	Capacity (Ltr)	Dimensions L x W x H (mm)
45240	40	500 x 330 x 330
45242	50	600 x 330 x 330
45244	60	700 x 330 x 330

- The perfect solution to holding tanks on smaller boats and convert existing overboard discharge units.
- Suitable for Grey or Black Waste.
- Made from high density Polyethylene.
- Waste tank is both lightweight and sturdy.
- Supplied complete with fittings.
- 2 x $\frac{3}{8}$ " breather holes blanked.
- Ready to install.

Waste Tank Kit



Part No.	Capacity (Ltr)	Dimensions L x W x H (mm)
45253	35	550 x 390 x 200
45255	48	750 x 390 x 200
45257	54	850 x 390 x 200
45258	83	850 x 390 x 290

- Suitable for Grey or Black Waste.
- Waste tank is both lightweight and sturdy.
- Made from high density Polyethylene.
- Supplied complete with self priming 12V pump.
- Discharge unit is ready for use.
- Includes charcoal filter, vented loop, deck vent, level sensor and indicator light.

NOTE: Add 100mm for hose clearance for installation.



Waste Tanks - Horizontal

Part No.	Capacity (Ltr)	Dimensions L x W x H (mm)
45249	35	550 x 390 x 200
45251	43	450 X 390 X 280
45248	48	750 x 390 x 200
45262	67	1040 x 390 x 200
45256	83	850 x 390 x 290
45254	93	950 x 390 x 290
45252	103	1050 x 390 x 290

NEW ENTRY

NEW ENTRY



Connector Kit Included with Each Tank

- The perfect solution for holding tanks on smaller boats and converts existing overboard discharge units.
- Suitable for Grey or Black Waste.
- Made from high density Polyethylene.
- Waste tank is both lightweight and sturdy.
- Supplied complete with fittings.
- Ready to install.



45251



45249



45256



45248/45262



45252



45254

CAN SB
Marine Plastics

Waste Tanks - Vertical

Part No.	Capacity (Ltr)	Dimensions L x W x H (mm)
45250	41	650 X 390 X 200

- Vertical tank with see through-cap for 3/4 full level.
- Suitable for Grey or Black Waste.
- Made from high density Polyethylene.
- Waste tank is both lightweight and sturdy.
- Supplied complete with fittings.
- Ready to install.

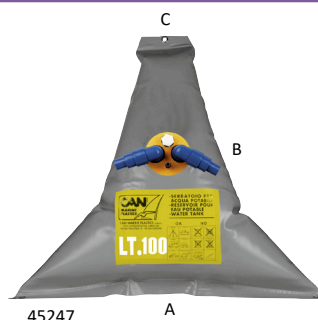


CAN SB
Marine Plastics

Waste Tanks - Flexible

Part No.	Capacity (Ltr)	Weight (kg)	Shape	Dimensions A x B x C (mm)
45245	60	1.20	Square	730 x 730
45246	120	1.65	Rectangle	1030 x 730
45247	100	1.10	Triangle	1100 x 1100 x 250

- Lightweight Black Waste tanks.
- Thermoplastic elastomer "plastic rubber" construction.
- Supplied complete with flange and connectors.
- Flexible square, rectangle and triangle shapes.
- Includes elbows, tails and breathers.



45247



45246

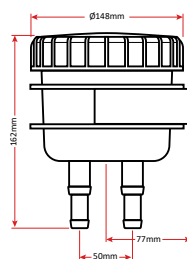
CAN SB
Marine Plastics

Waste Tank - Carbon Filter - Vent



Part No.	Description	Filter	Dimensions H x Ø (mm)	Hose Size Ø (mm)
458904	Black Water/Fuel Tank Air Vent	Carbon Filter	162 x 148 Ø	19 / 25
458908	Replacement Carbon Filter suits 458904			

- This innovative design simplifies Black Water and Fuel Vent maintenance without needing to replace the entire unit.
- Active Carbon Filter is ideal for Black Water and Fuel vents.
- Transparent lid for easy inspection.
- Quick access for changing the Carbon filter.
- Detachable mounting bracket for easy installation and maintenance.
- Stepped tail suits hose diameters: Ø19mm and Ø25mm.
- **458904** - Includes Filter, Active Carbon Filter insert and mounting bracket.
- **458908** - Replacement Carbon Filter.



Waste Tank - Carbon Filter



Part No.	Description	Dimensions L x Ø (mm)	Hose Size Ø (mm)
45054	Active Carbon Filter	200 x 50	20/25

- A Carbon Filter is a useful addition to a waste or holding tank vent pipe to reduce the odour.
- Odour removal, reduces holding tank smells topside.
- 2 brackets supplied for easy mounting, or screw directly to a bulkhead.
- Clear bottom - Able to check fluid has not entered filter.
- Stepped tail Ø 20/25mm, Length 200mm x Ø 50mm.

Waste Tank - Breather



Part No.	Description	Dimensions Ø x L (mm)	Cut Out Ø (mm)	Hose Size Ø (mm)
29313	Breather Straight - White	41 x 83	29.7	25

- Straight Breather vent for waste or holding tank.
- Can be used with Carbon Filter for odour removal and reduces holding tank smells topside.
- Tail Ø 25mm.

Pumping Fittings - Nylon - Can SB



Part No.	Description
45260	Fitting Kit For Waste Tanks
45270	¾" BSP to 10/12mm Tail
45271	¾" BSP to 17/19mm Tail
45275	1-½" BSP 90° Swivel Connector

Waste Tank Sensor

Part No.	Description
45264	Gauge Sensor For Waste Tanks

- Gauge for black water tanks indicates when the tank is at 3/4 capacity.
- 1" BSP (M) thread.

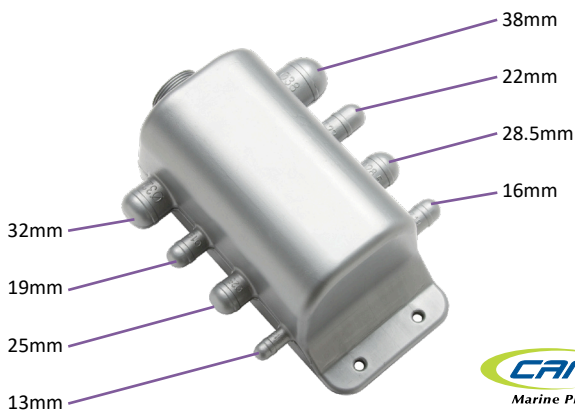
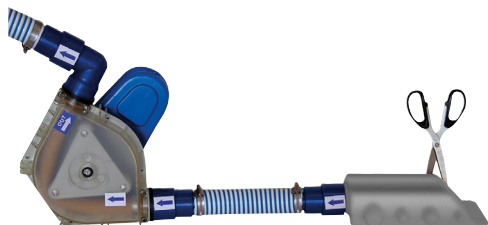


CAN SB

Waste Tank - Grey Waste Manifold

Part No.	Description
45360	Universal Waste Tank Manifold

- Universal Waste Tank Manifold used to collect grey water.
- Hose diameters include 13mm, 16mm, 19mm, 22mm, 25mm, 28.5mm, 32mm and 38mm.

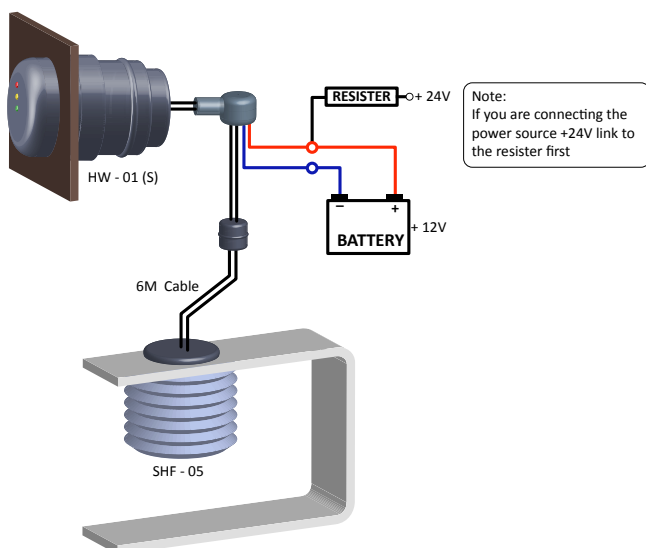


CAN SB
Marine Plastics

Waste Tank - Level Sensor Kit

Part No.	Power	Volts (V)	Dimensions (mm)	Cut Out A (mm)	Cut Out B (mm)
42420	60ma	12	145 x Ø 67	Ø 52	Ø 69

- This waste tank sender kit is used to detect the level of waste within a vessels waste tank.
- LED Low-High-Full indicator with on/off switch.
- Cable length 6m.



SENSOTEX

Waste - Camlock Connectors

Part No.	Description
29643	1-¼" 32mm BSP Waste Camlock Connector Nylon
29642	1-½" 40mm BSP Waste Camlock Connector Poly

- Suitable for waste outlets.



Macerator Pumps

Pump - Macerator - SHURflo®

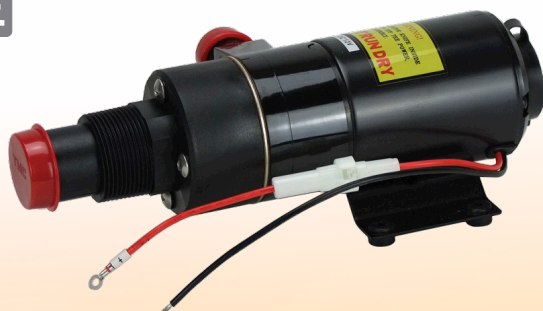


Part No.	Volts (V)	Amp (A)	Flow Rate (LPM)	Dimensions L x W x H (mm)
232400	12	15	49	274 x 114 x 97
SP-260	Replacement Impeller Kit			

- Designed specifically for sanitation waste and fish box evacuations.
- SHURflo's Macerator pump features a premium impeller design with run-dry capability and includes our seamless shell motor with O'ring sealed end bells and a sealed manual turn key.
- Unique dual blade and housing construction ensures problem free pumping, providing superior performance in harsh marine environments.
- Thermally Protected, CE Certified, Ignition Protected ISO 8846.
- Port Size: Inlet: 1-½" Outlet 1".
- RCM Certified to Australian Standards.
- 1 Year Warranty.

SHURflo®

Pump - Macerator-TMC®



TMC

Part No.	Volts (V)	Amp (A)	Flow Rate (LPM)	Dimensions L x W x H (mm)
45031	12	12	45.4	283 x 119 x 97
45032	24	6	45.4	283 x 119 x 97
SP189	Repair Kit suits 45031 & 45032			



- Designed to empty marine and RV holding tanks. This pump macerates and discharges grey water and waste mixtures.
- Self priming up to 1.5 metres.
- Flexible impeller pump type.
- Dual-cut metal blade grinds waste.
- Port Size: Inlet: 1-½" Outlet 1".
- Delivery head 5m (16ft).
- CE Certified ISO-9001 and ISO-14001.



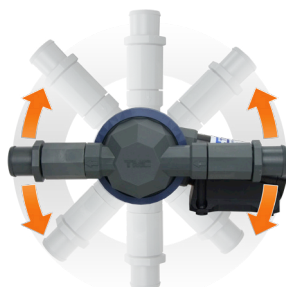


Pumps - Grey Waste - Diaphragm



Part No.	Volts (V)	Amp (A)	Flow Rate (LPM)	Dimensions L x W x H (mm)
 45104	12	7	22	369 x 168 x 144
 45106	24	3.5	22	369 x 168 x 144

- Single diaphragm pump designed to handle grey water waste for shower or sink drain applications.
- Self-priming pump can be run dry.
- Non-choke valve, no filter required.
- Can pump a mixture of air and water.
- In-lined inlet and outlet valves to allow free flow of debris.
- Adjustable clamping ring allows the head assembly to be rotated 360° to accommodate plumbing position.
- CE Certified, ISO-9001 and ISO-14001.
- Port Size: Inlet: 3/4" Outlet 3/4".



Rotate ports to desired position.





Pump head can be rotated and fixed in 3 positions.

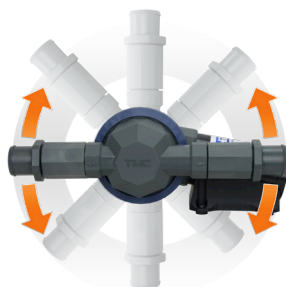


Pumps - Black Waste - Diaphragm



Part No.	Volts (V)	Amp (A)	Flow Rate (LPM)	Dimensions L x W x H (mm)
 45108	12	7	20	369 x 168 x 144
 45112	24	3.5	20	369 x 168 x 144

- Single diaphragm pump designed to handle unmacerated black water toilet waste.
- Self-priming pump can be run dry.
- Non-choke valve, no filter required.
- Can pump a mixture of air and water.
- In-lined inlet and outlet valves to allow free flow of debris.
- Adjustable clamping ring allows the head assembly to be rotated 360° to accommodate plumbing position.
- CE Certified, ISO-9001 and ISO-14001.
- Port Size: Inlet: 1-1/2" Outlet 1-1/2".



Rotate ports to desired position.



Pump head can be rotated and fixed in 3 positions.



Repair Kit - Diaphragm - Waste Pump

Part No.	Description
45113	Diaphragm Waste Pump Repair Kit

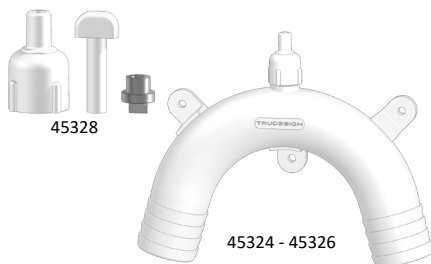


- Diaphragm and 2 x valves.
- Suits TMC grey waste or black waste Diaphragm pumps.



Vented Loops

Vented Loops - Nylon - TruDesign®



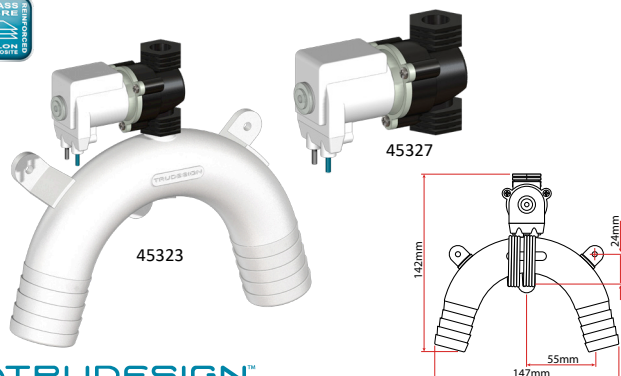
NEW ENTRY

Part No.	Description	Hose Tail Ø (mm)
45324	Nylon Vented Loop	19
45325	Nylon Vented Loop	25
45326	Nylon Vented Loop	38
45328	Replacement Cap and Valve	

• For more detail see "Vented Loops - TruDesign®" on page 498



Vented Loops - Electric Solenoids - TruDesign®



Part No.	Description	Volts (V DC)	Hose Tail Ø (mm)
45323	Vented Loop with Solenoid Valve	12	25
45327	Solenoid Valve 12V DC suits Vented Loops		

• For more detail see "Vented Loops - Electric Solenoids - TruDesign®" on page 498



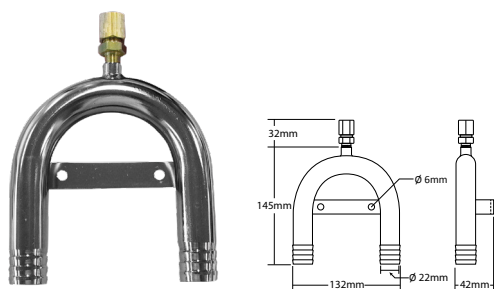
Vented Loops - Nylon



Part No.	Description
45452	19mm Vented Loop - Nylon
45453	25mm Vented Loop - Nylon
45454	38mm Vented Loop - Nylon

• 3 screw mounting points on the 25mm and 38mm vented loop and a single screw mounting point on the 19mm vented loop for easy installation.

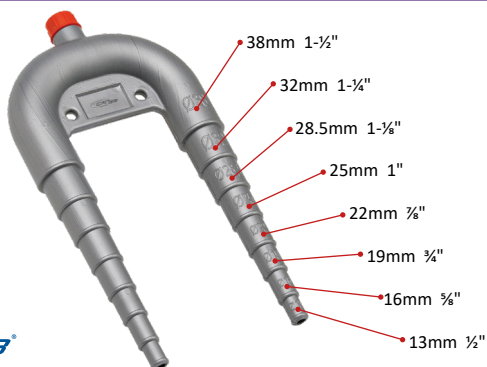
Vented Loop - Stainless Steel



Part No.	Description
45053	25mm Stainless Steel Vent Loop

- High quality stainless steel with brass valve.
- 2 screw mounting points give secure and easy installation.
- Constant internal diameter - No reduction in flow

Vented Loop - Stepped Tails



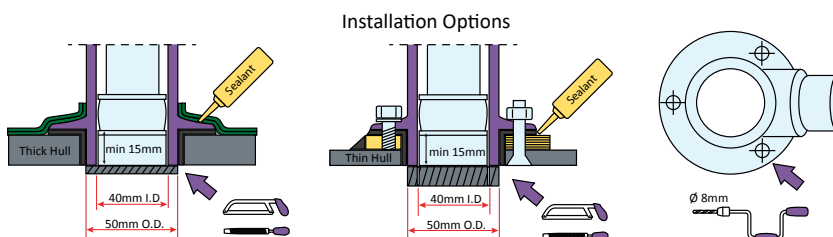
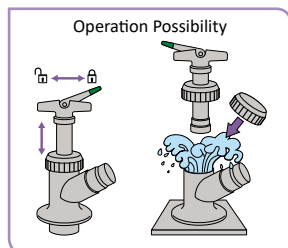
Part No.	Description
45931	Anti Syphon for Water Tanks

- Syphon complete vent valve, can be used for waste tank or liquid cooled engines to connect on the exhaust line.
- Hose diameters suits 13mm, 16mm, 19mm, 22mm, 25mm, 28.5mm, 32mm and 38mm.
- Width 158mm x Height 280mm.

Seacock - Shakewell

Part No.	Description	Cut Out (mm)
45940	Shakewell Seacock with Cap	50
45942	20mm hose connector for seacock	
45944	25mm hose connector for seacock	
45946	38mm hose connector for seacock	

- Shakewell Seacock is capable of being serviced while the boat is afloat.
- All moving parts can be removed for servicing whilst still allowing water to flow through the valve, no tools necessary.
- Made from a resilient plastic compound which allows it to be fitted to steel or aluminium hulls without the risk of galvanic degradation.
- Quality made in Portugal.



Toilet - Diverter - Y Valves

Part No.	Description
45456	25mm 'Y' Valve
45457	40mm 'Y' Valve

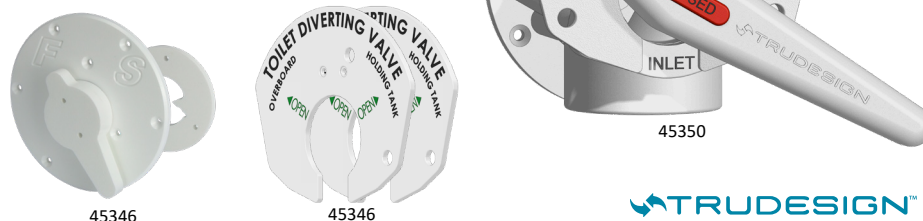
- Easy to install bulkhead mountable.
- Made of strong nylon.
- Barb tails.



Aquavalue - Diverting Valve - TruDesign®

Part No.	Description	Thread Size (in)	Colour
45350	Aquavalue 3 Way Diverting Valve - No tails	1-1/2" BSP (F)	White
45351	Replacement Seal Kit suits 45350		
45346	Replacement Facia suits 45350		
45348	Recessed Flange Kit suits 45350		

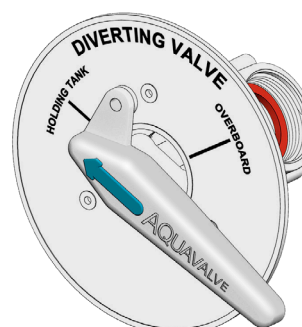
- For more detail see "Aquavalue - Diverting Valve - TruDesign®" on page 495.



Aquavalue - Bulkhead - TruDesign®

Part No.	Description	Bulkhead Ø (mm)	Colour
45303	Aquavalue 3 Way Manual Bulkhead Mount	49	White

- For more detail see "Aquavalue - Bulkhead - TruDesign®" on page 456.



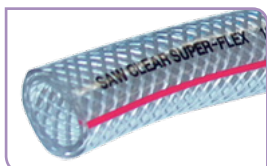
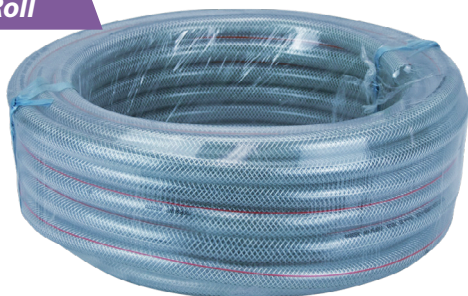


Hoses & Fittings

General Purpose & Washdown Hoses

Hose - Braided

Per Roll



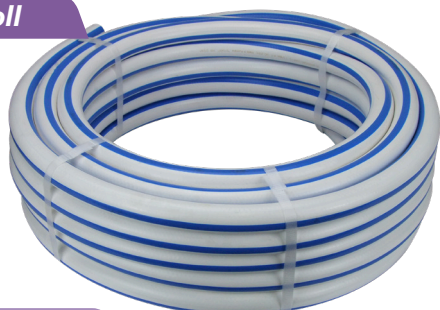
Part No.	Description
76320	13mm I.D. x 20m Braided PVC Hose - Roll
76322	16mm I.D. x 20m Braided PVC Hose - Roll
76324	20mm I.D. x 20m Braided PVC Hose - Roll
76326	25mm I.D. x 20m Braided PVC Hose - Roll

- The Super Braided Hose has a high cycle life particularly effective in the harsh sea water environment of ocean going vessels.
- Extreme durability and performance.
- Braided Hose is ideal for supplying water, oil based liquids and chemical agents.
- Meets AS2070 Australian Standard.
- Sold per roll no cut lengths available.

NOTE: Not recommended for drinking water.

Hose - Washdown

Per Roll



Part No.	Description
76388	12mm I.D. White Washdown Hose - Roll
76390	20mm I.D. White Washdown Hose - Roll
76392	25mm I.D. White Washdown Hose - Roll
76394	32mm I.D. White Washdown Hose - Roll

- Lightweight hose ideal for on board, marina washdown and fender for small boats.
- White with blue stripe, super flexible water delivery hose.
- Non-marking.
- Sold per roll no cut lengths available.

NOTE: Not recommended for drinking water.

Hose - Deckwash

Blister Pack



Part No.	Description
23748	7.6m White Coil Hose - ½" NPT Connection

- Designed to clean delicate and hard to reach areas on boats and RVs.
- The coiled hose can be stored neatly in compact areas.
- Advanced designed coils are kink resistant, strong and durable and will maintain their coiled shape, even when stretched to their maximum length.
- Includes quick connect hose fittings.
- Used with BSP connectors.
- Tested up to 300 PSI.
- 1 Year Warranty.

Hose - Heavy-Duty Deckwash



Part No.	Description
23746	7.6m Black HD Hose Coil 16mm
23746-BULK	7.6m Black HD Hose Coil - 6 Pack

- Heavy-duty hose designed to clean hard to reach areas on boats and RVs.
- The coiled hose can be stored neatly in compact areas.
- Advanced designed coils are kink resistant, strong and durable and will maintain their coiled shape, even when stretched to their maximum length.
- Includes quick connect hose fittings.



Hose - Drinking Water

Part No.	Description	Pack Qty
76300	12mm I.D. x 20m Hose Only - Roll	1
76300-BULK	12mm I.D. x 20m Hose Only - Roll	5
76302	12mm I.D. x 10m Hose with 2 PVC Quick Connect Fittings	1
76302-BULK	12mm I.D. x 10m Hose with 2 PVC Quick Connect Fittings	10
76304	12mm I.D. x 10m Hose with 2 Brass Quick Connect Fittings	1
76304-BULK	12mm I.D. x 10m Hose with 2 Brass Quick Connect Fittings	10

NEW ENTRY

NEW ENTRY

NEW ENTRY

Per Roll



- Marine and RV drinking water hose made from food grade polyethylene to comply with NSF food grade international certification.
- **76302** includes a 3/4" and 1" PVC quick connect fittings (BSP).
- **76304** includes a 3/4" and 1" Brass quick connect fittings (BSP).

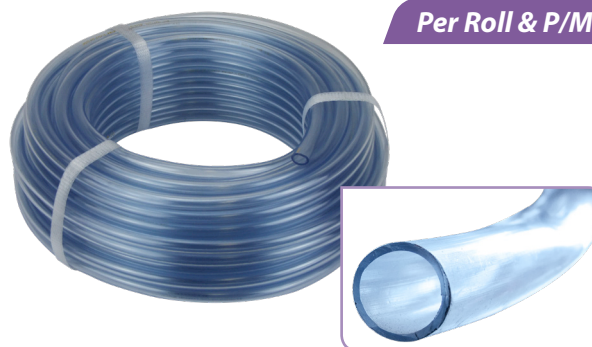
NOTE: Hose sold in rolls only (No cut lengths available).

Hose - Clear Vinyl

Part No.	Description
76361	5mm I.D. x 30m Hose - Roll
76362	6mm I.D. x 30m Hose - Roll
76363	8mm I.D. x 30m Hose - Roll
76368	16mm I.D. x 30m Hose - Roll
76376	40mm I.D. x 30m Hose - Per Metre Sell in 5m Increments
76378	50mm I.D. x 30m Hose - Per Metre Sell in 5m Increments

- Suitable for food and beverage contact as well as low pressure general purpose delivery.
- Meets the AS2070 Australian Standard food contact requirements.

Per Roll & P/M



Part No.	Description
76364	10mm I.D. x 100m Hose - Reel
76366	13mm I.D. x 50m Hose - Reel
76370	19mm I.D. x 30m Hose - Roll
76372	25mm I.D. x 30m Hose - Roll
76374	32mm I.D. x 30m Hose - Roll

- Suitable for food and beverage contact as well as low pressure general purpose delivery.
- Meets the AS2070 Australian Standard food contact requirements.

NOTE: Not sold per metre.

Reel and Roll



Hose - TPR Braided

Part No.	Description
76315	6mm I.D. x 20m Hose - Roll
76317	8mm I.D. x 20m Hose - Roll
76318	10mm I.D. x 20m Hose - Roll
76327	32mm I.D. x 20m Hose - Per Metre Sell in 5m Increments
76328	38mm I.D. x 20m Hose - Per Metre Sell in 5m Increments
76329	50mm I.D. x 20m Hose - Per Metre Sell in 5m Increments

- Translucent braided hose that can be used for air, water, petrol & food contact. Up to 230 PSI.
- Meets AS2070 Australian Standard.

Per Roll & P/M



Grey Water & Bilge Pump Hose

Hose - Smooth Bore - Ribbed Outer

Per Roll



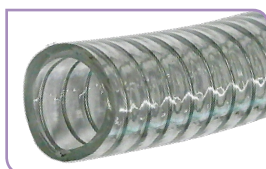
Part No.	Description	Working Pressure W.P. - PSI
76330	19mm I.D. x 20m Marine Flexible Hose - Roll	28 PSI
76333	25mm I.D. x 10m Marine Flexible Hose - Roll	28 PSI
76332	25mm I.D. x 20m Marine Flexible Hose - Roll	28 PSI
76334	28mm I.D. x 10m Marine Flexible Hose - Roll	28 PSI
76336	32mm I.D. x 20m Marine Flexible Hose - Roll	28 PSI
76338	38mm I.D. x 20m Marine Flexible Hose - Roll	28 PSI
76340	50mm I.D. x 20m Marine Flexible Hose - Roll	28 PSI

- The Marine/RV Flexible hose is ideal for supplying water, oil based liquids and chemical agents.
- Light weight and flexible.
- Kink and crush resistance.
- Supplied in Rolls (No cut lengths).

NOTE: Not recommended for drinking water.

Hose - Clear - Spring Reinforced

Per Roll



Part No.	Description	Working Pressure W.P. - PSI
76346	12mm I.D. x 20m Clear Spring Hose - Roll	99 PSI
76348	15mm I.D. x 20m Clear Spring Hose - Roll	85 PSI
76350	19mm I.D. x 20m Clear Spring Hose - Roll	71 PSI
76352	25mm I.D. x 20m Clear Spring Hose - Roll	71 PSI
76356	32mm I.D. x 20m Clear Spring Hose - Roll	56 PSI
76358	38mm I.D. x 20m Clear Spring Hose - Roll	56 PSI
76360	50mm I.D. x 20m Clear Spring Hose - Roll	42 PSI

- The Super spring hose has a high cycle of life with convincing durability and performance and is particularly effective in low temperature environments.
- It is ideal for supplying water or oil based liquids and is chemical resistant.
- With its super transparent body any blockages can be easily located.
- Shock resistant, moderately flexible, kink and crush resistant.
- Supplied in Rolls (No cut lengths).

NOTE: Not recommended for drinking water.

Hose - Cuffed Bilge Pump

Per Roll



Part No.	Description
76440	20mm (¾") I.D. x 15m Black Cuffed Poly Hose - Roll
76442	28mm (1 ⅛") I.D. x 15m Black Cuffed Poly Hose - Roll

- Economical black plastic bilge pump discharge hose.
- Clamp Cuffs every foot for easy clamping.
- Available in 20mm (¾") or 28mm (1-⅛") hose.
- Supplied in 15m rolls (No cut lengths).

NOTE: Not recommended for drinking water.



Hose - Sanitation - Rubutyl - Premium

Part No.	Description	Working Pressure W.P. - PSI
76180	25mm I.D. x 30m White Sanitation Hose - Per Metre	105 PSI
76182	38mm I.D. x 30m White Sanitation Hose - Per Metre	105 PSI

Per Metre

- Flexible strong anti-odour rubber hose designed for sewage pipes and marine toilets, providing an odour free toilet system.
- Temperature range: 40°C - 120°C
- The hose is made of special butyl compound which prevents odour spread and bacteria growth.
- Resistant to all detergents and disinfectants.
- Very flexible and easy to install.
- Italian made quality.
- 5 Year Warranty.
- Price per metre.



Hose - Sanitation - Steel Reinforced

Part No.	Description	Working Pressure W.P. - PSI
76220	20mm I.D. x 30m White Sanitation Hose - Sold Per Metre MOQ 10m	75 PSI
76225	25mm I.D. x 30m White Sanitation Hose - Sold Per Metre MOQ 10m	75 PSI
76238	38mm I.D. x 30m White Sanitation Hose - Sold Per Metre MOQ 10m	60 PSI

Per Metre

- Extremely flexible PVC hose designed as sewage pipe for marine toilets.
- Temperature range: -15°C +60°C
- Limits the spread of odours from toilets and drains.
- Smooth white PVC hose.
- Impact and crush resistant steel wire helix reinforcement.
- Weather and most chemical resistant white PVC cover.
- Italian made quality.
- Minimum 10m length.



Wire helix reinforcement

Hose - Sanitation - Nylon Reinforced

Part No.	Description	Working Pressure W.P. - PSI
76224	25mm I.D. x 15m Sanitation Hose - Roll	100 PSI

Per Roll

- Extremely flexible PVC hose designed as sewage pipe for marine toilets.
- Smooth white PVC hose.
- Impact and crush resistant.
- Weather and most chemical resistant.
- Supplied in Rolls (No cut lengths).



Sanitation Hose, Eco Hoses & Ventilation Hose

Hose - HD Washdown - Sanitation



Part No.	Description
76380	20mm I.D. x 20m White Reinforced Hose - Roll Only
76382	25mm I.D. x 20m White Reinforced Hose - Roll Only
76384	40mm I.D. x 20m White Reinforced Hose - Roll & Per Metre

- Ideal for marine toilet installations. A flexible reinforced smooth bore pressure hose. Also great for a washdown hose.
- Available per metre and 20m rolls.

Hose - Lay Flat

Per Roll



Part No.	Description
76738	38mm I.D. x 100m Eco Lay Flat Hose - Roll
76750	50mm I.D. x 100m Eco Lay Flat Hose - Roll
76763	63mm I.D. x 100m Eco Lay Flat Hose - Roll
76775	75mm I.D. x 100m Eco Lay Flat Hose - Roll
76710	100mm I.D. x 100m Eco Lay Flat Hose - Roll
76715	150mm I.D. x 100m Eco Lay Flat Hose - Roll
76720	200mm I.D. x 100m Eco Lay Flat Hose - Roll

- Eco Flat Hose has been designed using EVA (ethylene vinyl acetate).
- EVA is a chlorine free alternative to PVC and has been proven to have a substantially less harmful impact on the environment.
- The use of EVA also maximises desired properties beyond levels obtainable in standard PVC such as low temperature, toughness, abrasion resistance, low extractability, chemical resistance, ultimate elongation and hot melt strength.
- The Eco Flat Hose can be run through high traffic areas without causing obstruction and stores neatly in compact areas.
- Supplied in Rolls (No cut lengths).

NOTE: Not recommended for drinking water.

Hose - Ventilation



Part No.	Description	Diameter (mm)	Length (m)	Colour
765000	Ventilation Ducting Hose	75	3	White
765002	Ventilation Ducting Hose	75	15	Black
765004	Ventilation Ducting Hose	100	3	White
765006	Ventilation Ducting Hose	100	15	White

- Designed for venting bilge gases.
- Flame resistant PVC ducting.
- Ozone UV resistant.

For blowers refer to "Blowers" on page 439



Universal Joiners & Quick Connect Fittings

Hose - Hot/Cold

Part No.	Description
450016	12/9mm Red (Hot Water) Polyethylene Hose 50m Roll
450018	12/9mm Blue (Cold Water) Polyethylene Hose 50m Roll
450013	Hose Retainers

- Colour coded hose types for quick identification of hot and cold water plumbing.
- Designed for use with 12mm Quick Release Connectors.
- Hose retainer helps keep your plumbing tidy.

NOTE: Recommended for use with CanSB® Quick Release Connector - Hot & Cold Water Fittings.



Hose - Connectors - Hot/Cold

Part No.	Size Ø (mm)	Thread Size (in)	Type	Max. Pressure (Bar)	Max. Temperature
450002	12	-	T Joiner	10	70°C
450003	12	-	Straight	10	70°C
450004	12	-	90°	10	70°C
450005	12	-	Y Joiner	10	70°C
450006	12	3/8" BSP (M)	Straight	10	70°C
450007	12	1/2" BSP (M)	Straight	10	70°C
450009	12	1/2" BSP (M)	90°	10	70°C
450010	12	3/8" BSP (F)	Straight	10	70°C
450011	12	1/2" BSP (F)	Straight	10	70°C
450012	-	1/2" to 3/8" BSP (F)	Straight	10	70°C

- Quick release connector for hot and cold water plumbing fittings.

NOTE: Recommended for use with CanSB® Hot & Cold Water Hose.



Hose - Joiner Stepped

Part No.	Description
45358	13mm - 38mm Universal Connector
45359	31mm - 58mm Universal Connector

- Designed to make hose reduction easy.



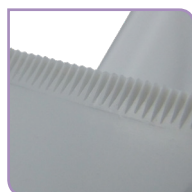
Toilet - Cleaning Brush



Part No.	Description	Dimensions L x H (mm)
30390	Plastic Toilet Cleaning Brush	260 x 80

- Wall mounted holder.
- Compact - Easy to stow.
- Small brush head fits into boat toilet bowls.

Toilet - Roll Holder



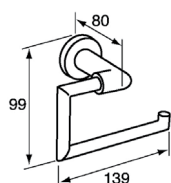
Part No.	Description	Length (mm)	Height (mm)
30380	Toilet Roll Holder	130	150

- Suits large toilet rolls.

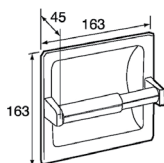
Toilet - Roll Holders - Stainless Steel



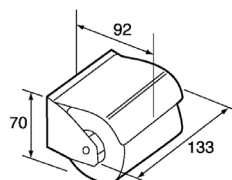
30360



30362



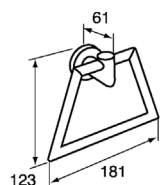
30364



Part No.	Description	Width (mm)	Height (mm)	OA Depth (mm)	Mount Screws (mm)
30360	Toilet Roll Holder	139	99	80	5 c/s
30362	Part Recessed Toilet Roll Holder	163	163	45	5 c/s
30364	Toilet Roll Holder with Hood	133	70	92	5 c/s

- Polished stainless steel.
- Contemporary design.
- Screws supplied.

Towel Holder - Stainless Steel



Part No.	Description	Width (mm)	Height (mm)	Depth (mm)	Mount Screws (mm)
30354	Trapezoid Towel Holder	181	123	61	5 c/s

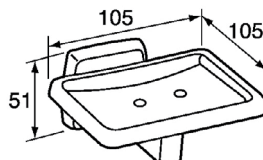
- Polished stainless steel.
- Contemporary design.
- Screws supplied.



Soap Dish - Stainless Steel

Part No.	Description	Width (mm)	Height (mm)	Depth (mm)	Mount Screws (mm)
30368	Rectangular Soap Dish	105	51	105	5 c/s

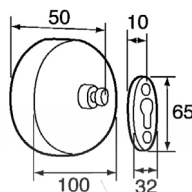
- Polished stainless steel.
- Contemporary design.
- Screws supplied.



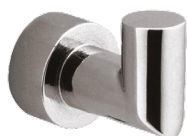
Clothes Line - Retractable - Stainless Steel

Part No.	Description	Dia. Ø (mm)	Depth (mm)	Mount Screws (mm)
30366	3 Metre Retractable Clothes Line	100	50	5 c/s

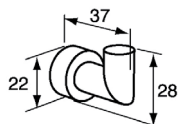
- Polished stainless steel.
- Contemporary design.
- Screws supplied.



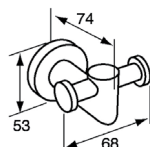
Robe Hooks - Stainless Steel



30358



30356



Part No.	Description	Length (mm)	Height (mm)	Depth (mm)	Mount Screws (mm)
30358	Robe Hook	22	28	37	5 c/s
30356	Double Robe Hook	66	53	74	5 c/s

- Polished stainless steel.
- Contemporary design.
- Screws supplied.

Coat Hooks - Stainless Steel



29798



29797

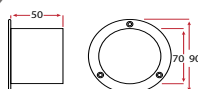


29798

Part No.	Description	Base (mm)	Closed Depth (mm)	Open Depth (mm)	Mount Screws (mm)
29796	Double Coat Hook - Stainless Steel	29 x 40	-	70	5 r/h
29797	Folding Coat Hook - Stainless Steel	25 x 78	12	60	5 c/s
29798	Folding Coat Hook - Stainless Steel	30 x 50	14	52	5 c/s

- Cast 316G polished stainless steel.

Shower Box - Hose & Head Kit

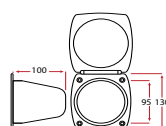


Part No.	Description	Container Colour
51074	Compact Shower Box with Hose & Head	White
51075	Compact Shower Box with Hose & Head	Cream

- Recess installation shower box in ABS with shower in chromed brass.
- Round shower box with lid, hose and push button shower head.
- Case Ø 70mm.
- Hose length 2.5m.
- Connection 3/8" BSP (F) thread hose.
- Foldaway handle on shower head.
- Italian made quality.



Shower Box - Mixer, Hose & Head Kit - Lockable



Part No.	Description
51070	Shower Box & Mixer with Hose & Head Kit - Lockable
51070LW	Replacement Lid & Key To suit 51070
51070L	Replacement Lid To suit 51070

- Compact shower box and hot and cold mixer with hose and nozzle.
- Lockable shower box with spare key.
- Recess mount installation.
- 1.2m hose.
- Connection 3/8" BSP (F) thread hose at mixer.
- Italian made quality.

Shower Kit - Recessed

Part No.	Description	Hose Length (m)	Hose Connection (in)	Cut Out (mm)	Mount Screws (mm)
51069	Shower Box with Hose & Nozzle Kit	2.5	½" (F)	80	3

NEW ENTRY

- Highly polished & passivated 316G stainless steel lid.
- Pull to open/push to close operation.
- Door has a stop point to prevent resting on the gelcoat surface when open.
- Mount vertically or horizontally.
- Complements other stainless components.
- Ergonomic shower head seats in box and is easily accessed.
- Mesh bag keeps hose tidy and prevents tangling with other plumbing hoses and pipes.

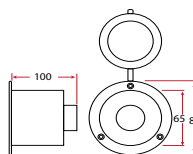


NEW

Shower Box - Short Hose & Head Kit

Part No.	Description
51071	Compact Round Shower Box Kit

- Compact round box with lid, hose and nozzle.
- Recess mount installation.
- 1.2m hose.
- Connection 3/8" BSP (F) thread hose.
- Italian made quality.

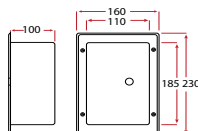


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Shower Box - Mixer - Short Hose & Head Kit

Part No.	Description
51072	Rectangle Shower Box & Mixer Kit

- Rectangle box and cover with hot and cold mixer, hose and nozzle.
- Recess mount installation.
- 1.2m hose.
- Connection ¾" BSP (F) thread hose at mixer.
- Italian made quality.

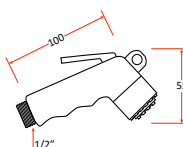


Aravon®

Shower Head - Compact

Part No.	Description
51010	Shower Head - White

- Shower head with ON / OFF / CONTINUOUS flow control.
- Connection ½" BSP (M) thread.
- Italian made quality.

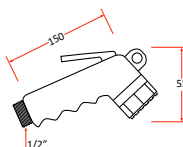


Aravon®

Shower Head - Trigger

Part No.	Description
51011	Compact White Shower Head - White
51009	Replacement Trigger suits 51011

- Shower head with ON / OFF flow control.
- Connection ½" BSP (M) thread.
- Italian made quality.

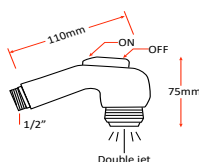


Aravon®

Shower Head - Double Jet

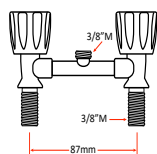
Part No.	Description
51064	Shower Head - White

- Shower head with CONTINUOUS ON / OFF push button flow control and shower spray / tap flow nozzle.
- Connection ½" BSP (M) thread.
- Italian made quality.



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Tap - Twin Mixer - Chrome Handles

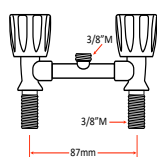


Part No.	Description
51020	Twin Mixer - with Chrome Handles Only

- Chrome Plated Brass (CPB) mixer plus handles.
- Connections $\frac{3}{8}$ " BSP (M) thread for hoses with shower head.
- Italian made quality.

Aravon®

Tap - Twin Mixer - Clear Handles

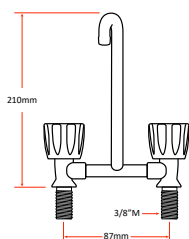


Part No.	Description
51021	Twin Mixer with Clear Handles

- Chrome Plated Brass (CPB) mixer.
- Connections $\frac{3}{8}$ " BSP (M) thread for hoses with shower head.
- Italian made quality.

Aravon®

Tap - Twin Mixer - Faucet



Part No.	Description
51024	Twin Mixer & Faucet

- Chrome Plated Brass (CPB) compact mechanic mixer with folding pipe 10mm. Height 200mm.
- Connections $\frac{3}{8}$ " BSP (M) thread.
- Italian made quality.

Aravon®

Tap - Twin Mixer - Swivel Faucet



Part No.	Description
51032	Mixer & Swivelling Faucet

- High quality chrome plated brass (CPB) mixer with swivelling faucet.
- Connection $\frac{3}{8}$ " BSP (M) thread hose.
- Italian made quality.

Aravon®

Tap - Twin Mixer - Pullout Shower/Tap



Part No.	Description
51028	Twin Mixer & Pullout Shower Head Kit
51029	Replacement White Flexi Hose suits 51028

- CPB mixer with 2m white flexi hose and shower head trigger ON / OFF / CONTINUOUS.
- Connection $\frac{3}{8}$ " BSP (M) thread hose.
- Italian made quality.

Aravon®



Bathroom, Laundry Fittings & Accessories

Tap - Flick Mixer - Pullout

Part No.	Description
51044	Shower Flick Mixer & Pullout Shower Head Kit
51068	Spare Ceramics Cartridge Ø 35mm with 2 Nose
51064	Spare Shower Head, ½" BSP (M) Connection

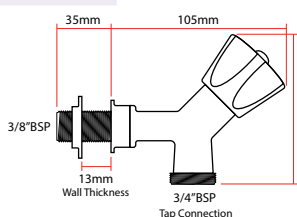
- Single lever mixer in brass with regulating spray on the shower head and 1.8m flex hose in nylon and plastic lever.
- Ceramic cartridge 35mm Ø.
- Connection ½" BSP (F) thread hose.
- Italian made quality.



Tap - Laundry

Part No.	Description
51019	Laundry Tap with Wall Mount
51019WM	Replacement Wall Mount Spare Part suits 51019

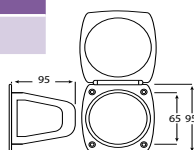
- Chrome plated brass (CPB) laundry tap.
- Compact design.
- Includes wall nut and rubber washers.
- Italian made quality.



Shower Box - Hinged Lid

Part No.	Description
51067	Rectangle Hand Shower Box

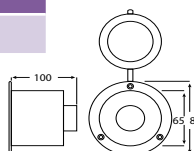
- Fits almost any size shower head and angle.
- Italian made quality.



Shower Box - Soft Lid

Part No.	Description
28530	Plastic Box with Lid for Shower suits 51010

- Complete with soft cap.
- Shower head not included.



Tap - Mixer Cartridge

Part No.	Description
51068	Ceramics Cartridge 35mm with 2 Nose

- Suits all Aravon® Flick Mixers.
- Italian made quality.



Tap - Connectors

Part No.	Description
51017	¾" BSP (F)m - ½" Tail - Brass
51018	Bush Brass ¾" BSP I.D. converts to ½" BSP O.D.
450012	Adaptor (CPB) ½" - ¾" BSP (F)



51017



51018

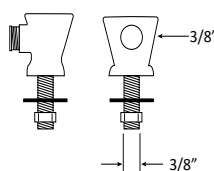


450012

Shower - Hose Connector

Part No.	Description
51012	Elbow Connector

- 90° ¾" BSP (M) x ¾" BSP (M).



Taps - Single - Faucet



Part No.	Description
51014	Right Single Tap & Faucet
51016	Left Single Tap & Faucet

- Single brass tap with left or right command and folding pipe 10mm.
- Supplied with red and blue inserts (hot and cold).
- Connection $\frac{3}{8}$ " BSP (M) thread.
- Italian made quality.

Tap - Flick Mixer - Short Faucet



Part No.	Description
51036	Flick Mixer Short Faucet
51068	Replacement Ceramic Cartridge 35mm with 2 Nozzles

- Single lever compact mixer in chrome plated brass (CPB) with short revolving faucet.
- Ceramic cartridge \varnothing 35mm.
- Connections 2 x $\frac{3}{8}$ " BSP (M) hoses.
- Italian made quality.

Tap - Flick Mixer - Long Faucet



Part No.	Description
51040	Flick Mixer Long Faucet
51068	Replacement Ceramic Cartridge 35mm with 2 Nozzles

- Single lever mixer in chrome plated brass (CPB) with long revolving faucet.
- Ceramic cartridge \varnothing 35mm.
- Connections 2 x $\frac{3}{8}$ " BSP (M) hoses.
- Italian made quality.

Tap - Single - Folding Faucet



Part No.	Description
51048	Single Folding Tap & Faucet

- Brass compact single tap and lowering and folding pipe. Brass lever.
- Connection $\frac{3}{8}$ " BSP (M) thread.
- Italian made quality.

Tap - Twin Mixer - Folding Faucet



Part No.	Description
51052	Double Folding Tap & Faucet

- Brass compact ceramic mixer with lowering and folding pipe. Brass lever.
- Connections 2 x $\frac{3}{8}$ " BSP (M) thread.
- Italian made quality.

Tap - Single - Lever



Part No.	Description
51013	Single Upright Tap with Lever Action

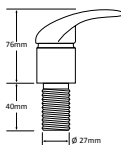
- Chrome plated steel faucet ideal for use as a filtered water tap.
- Connection $\frac{3}{16}$ " 24 TPI male thread which suits John Guest and other popular plumbing fitting brands.
- Italian made quality.
- Dimensions: H:180 x W:160



Tap - Flick Mixer - Single

Part No.	Description
51034	Compact Single Mixer
51068	Replacement Ceramic Cartridge 35mm with 2 Nozzles

- Chrome Plated Brass (CPB) compact single mixer.
- Connection $\frac{3}{8}$ " BSP (M) thread.
- Ceramic cartridge \varnothing 35mm.
- Italian made quality.



Aravon®

Tap - Switch & Faucet

Part No.	Description
232145	Electric Faucet, White - 12V

- Sliding Ceramic Plate Valve: Two ceramic disk plates that slide on each other. Ultra strong ceramics ensure reliability and long life, as well as water flow from a trickle to a steady stream.
- Easy Installation: Complete with mounting hardware. Only 1 hole necessary for mounting.
- 360° Rotation in 3 directions: Rotating spout allows a variety of uses.
- Cold only. Hot/Cold does not rotate down.
- Built-In Twist Switch 12 VDC, 4 Amps maximum.
- Multiple installation possibilities. Use with or without an electric pump. Mounts in any position.
- High operating temperatures up to 176°F (80° C).
- High operating pressures up to 87 PSI (6 Bar).
- Rugged ABS Plastic Design built to withstand the real world.
- Barb size 10mm $\frac{3}{8}$ "



SHURflo®

Pump - Freshwater - Tap Kit

Part No.	Description	Volts (V)
239316	Freshwater Pump Kit Inline	12

Kit Includes:

- **23183** TMC 12V Inline pump 1020 LPH.
- **232145** SHURflo Electric faucet 12V white.

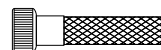
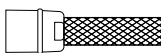


SHURflo®

Hoses - Shower

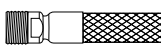
Part No.	Description
51008	Shower Hose

- 2.5m PVC reinforced hose.
- Connection $\frac{1}{2}$ " BSP (F) x $\frac{1}{2}$ " BSP (F).



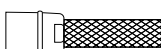
Part No.	Description
51056	Shower Hose

- 2m nylon reinforced hose.
- Connection 15mm male x $\frac{3}{8}$ " BSP (F).



Part No.	Description
51060	Shower Hose suits 51044 and 51028

- 2m nylon reinforced hose.
- Connection $\frac{1}{2}$ " BSP (F) x $\frac{3}{8}$ " BSP (F).



Part No.	Description
450012	$\frac{1}{2}$ " - $\frac{3}{8}$ " BSP (F) Adaptor



450012

Aravon®

Water Filters

Filter - Fresh Water - Inline



Part No.	Filters Up To (Gallons/Litres)	Recommended Flow Rate	Cartridge Media	Chlorine Reduction	Micron Rating
23989	6000 G 27000 L	0.5 GPM at 60 PSI	Granular Activated Carbon (GAC)	95%	5

- Ideal for all marine, RV and home filter applications.
- Water washed coconut shell carbon increases filter efficiency.
- Improves taste and reduces chlorine & odour.
- Approved to meet industry standards.
- Filters up to 6,000 gallons.
- 2.5" x 11" (64 x 279mm) in-line filter with ½" (13mm) barb ends.
- 1 Year Warranty.

SHURflo

Filter - Fresh Water - Quick Change



Part No.	Filters Up To (Gallons/Litres)	Flow Rate	Pressure (Min/Max)	Filter Size (mm)
232124	10000G 37874L	2.5 GPM (11.4 LPM)	30/125 PSI (4.4/8.6 BAR)	304 x 63

- Quick Change Filter Only.
- Ideal for all marine, RV and Home filter applications.
- Water Washed Coconut Shell Carbon increases filter efficiency.
- Improves taste and reduces chlorine and odour.
- Approved to meet industry standards.
- 1 Year Warranty.

SHURflo

Filter - Fresh Water - Quick Change Kit



Part No.	Filters Up To (Gallons/Litres)	Flow Rate	Pressure (Min/Max)	Filter Size (mm)
232120	10000G 37874L	2.5 GPM (11.4 LPM)	30/125 PSI (4.4/8.6 BAR)	304 x 63

- Ideal for all marine, RV and Home filter applications.
- Water Washed Coconut Shell Carbon increases filter efficiency.
- Improves taste and reduces chlorine and odour.
- Approved to meet industry standards.
- 1 Year Warranty.

Kit Includes:

- Quick Change Filter Kit.
- 2 ea. ¾" NPT x ¼" JG Stem, 2 ea. ¾" NPT-F x ½" NPT-M, 1 ea. ¼" JG x ½" JG Stem, Winterising Diverter, Mounting Hardware.

SHURflo

Taps - Single - Fresh Water Filter Kit



Part No.	Filters Up To (Gallons/Litres)	Flow Rate	Pressure (Min/Max)	Filter Size (mm)
232122	500G 1893L	0.5 GPM (1.9 LPM)	30/125 PSI (4.4/8.6 BAR)	343 x 76

- Ideal for all marine, RV and Home filter applications.
- Water Washed Coconut Shell Carbon increases filter efficiency.
- Improves taste and reduces chlorine and odour.
- Approved to meet industry standards.
- 1 Year Warranty.

Kit Includes:

- Quick Change Filter Kit with Faucet.
- Lead-free drinking water faucet, ¼" Plastic Tubing, 600R Filter Cartridge.
- Dimensions: Tap from sink level: H:220 x W: 160
- Includes step down connectors to suit ½" O.D. to ¼" O.D.

SHURflo



Water Tanks Fresh Water Tanks

Tap - Hand Pump

Part No.	Description
232150	Hand Pump

- Uses ½" I.D. hose.
- Extend 95mm above the bench top.
- The spout extends 150mm from the centre line of the pump.
- The maximum bench thickness is 30mm.
- The distance from the bench top to the bottom of the hose barb is 180mm



Water Tanks - Drinking - Moulded

Part No.	Capacity (Ltr)	Length (mm)	Width (mm)	Tank Height (mm)
45280	32	450	390	200
45282	39	550	390	200
45284	45	650	390	200
45286	52	750	390	200
45290	57	550	390	290
45291	60	850	390	200
45292	77	750	390	290
45276	90° hose connector ¾" thread Ø 12mm fitting kit			

- Drinking water tanks complete with pick-up hose, vented cap, outlet tail and vent tail.

NOTE: Add 35mm height for cap.

Spare Parts	
Part No.	Description
45277	38mm 90° Fitting Kit for Water Tank
45278	38mm Straight Fitting Kit for Water Tank
45279	Water Tank Port & Fittings
45281	Water Tank Lid - (Plain)

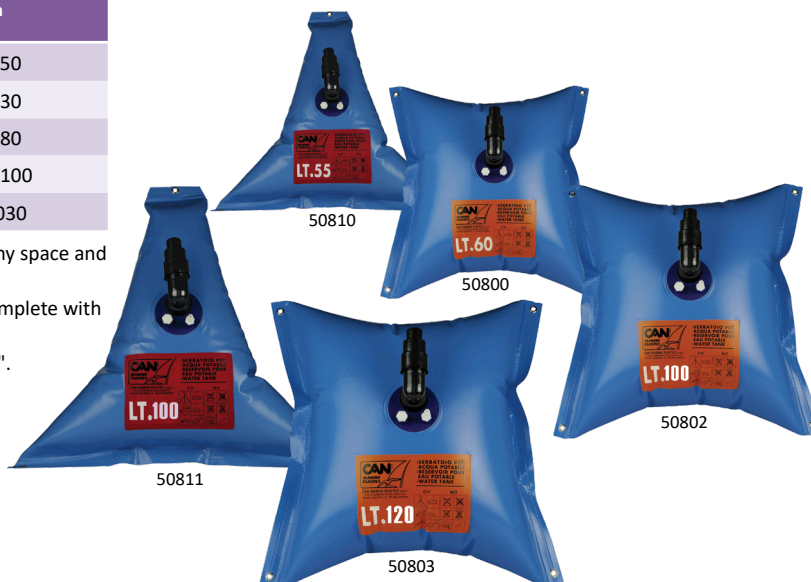


CAN SB
Marine Plastics

Water Tanks - Flexible

Part No.	Shape	Capacity (Ltr)	Width (mm)
50810	Triangular	55	950 x 950
50800	Square	60	730 x 730
50802	Rectangle	100	730 x 880
50811	Triangular	100	1100 x 1100
50803	Rectangle	120	730 x 1030

- Flexible water tanks are quick and easy to install in almost any space and available in triangular, square or rectangle configurations.
- Made from strong Elastomer Thermoplastic, the flange is complete with all connections required to function.
- Inlet hose size 1-½" and 2" and an outlet hose size ¾" and ½".



CAN SB
Marine Plastics

Sinks - With Lid & Tap



50727



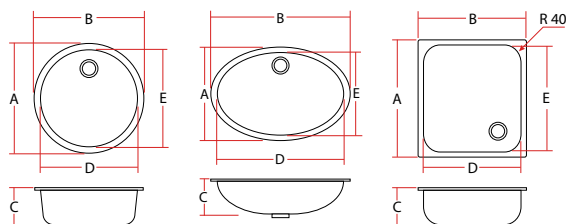
50728



50729

Part No.	Sink Shape	Dimensions (mm)			Cut Out (mm)			Faucet	Surface Finish	Weight (kg)
		A	B	C	D	E				
50727	Round	330 Ø		180	Ø 305			Single Mixer	Glossy	3.4
50728	Oval	510	390	160	460	340		Double Mixer	Glossy	7.2
50729	Rectangle	350	320	150	305	335		Double Mixer	Semi-gloss	4.3

- Elegantly designed round, oval and rectangle sinks with folding tap and tempered glass cover which converts into a work surface neatly hiding the sink and faucet when not in use.
- All sinks include a 1-1/4" waste and plug.
- 304 stainless steel sink, vitro ceramic cover with folding/hiding faucet.
- Italian made quality.



1-1/4" waste and plug



Sinks - Rectangle



50700



50702



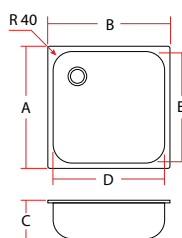
50704



50706

Part No.	Sink Shape	Overall (mm)			Cut Out (mm)			Surface Finish	Weight (kg)
		A	B	C	D	E			
50700	Rectangle	320	260	150	300	240		Semi-gloss	1
50702	Rectangle	355	260	150	335	240		Semi-gloss	1.3
50704	Rectangle	350	320	150	332	302		Semi-gloss	1.6
50706	Rectangle	320	170	150	300	150		Semi-gloss	0.8

- Sinks and washbasins in semi-gloss stainless steel with a 90° support edge.
- All sinks include a 1-1/4" waste and plug.
- Available in 3 rectangular sizes with semi-gloss finish.
- 304 stainless steel.
- Italian made quality.



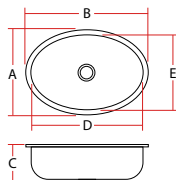
1-1/4" waste and plug



Sinks - Round & Oval

Part No.	Sink Shape	Dimensions (mm)			Cut Out (mm)		Surface Finish	Weight (kg)
		A	B	C	D	E		
50725	Round	285 Ø		180	Ø 260		Mirror Polish	1.4
50710	Oval	265	382	130	356	240	Mirror Polish	1.3

- Sinks & washbasins in polished stainless steel with a 90° support edge.
- All sinks include a 1-¼" waste and plug.
- Available in cylindrical and oval designs with an elegant mirror polished finish.
- 304 stainless steel.
- Italian made quality.

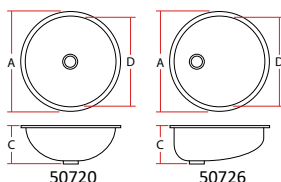


Can

Sinks - Round

Part No.	Sink Shape	Dimensions (mm)		Cut Out (mm)	Surface Finish	Weight (kg)
		A	C	D		
50720	Round	290 Ø	120	Ø 260	Mirror Polish	0.6
50726	Round	387 Ø	155	Ø 340	Mirror Polish	1.4

- Sinks & washbasins in polished stainless steel with a 90° support edge.
- All sinks include a 1-¼" waste and plug.
- Available in 2 round sizes with an elegant mirror polished finish.
- 304 stainless steel.
- Italian made quality.



50726



50720

Can

Sink Waste - 1-¼ BSP

Part No.	Description	Cut Out (mm)	Outlet
50732	Replacement Waste with Cap - Straight	53	1-¼" BSP
50733	Replacement Waste with Cap - 90 Degree	53	20 / 25

- 1-¼" Thread x 1" (25mm) hose connectors to suit all stainless steel sinks and basins.
- Used with 50730 or 50731.

NEW ENTRY



Sink Waste Tails - 1-¼ BSP

Part No.	Description	Hose Dia.		Thread
		(in)	(mm)	
50730	Discharge Straight Hose Nipple	1"	25	1-¼" BSP
50731	Discharge 90 Degree Elbow	1"	25	1-¼" BSP

- 1-¼" Thread x 1" (25mm) hose connectors to suit all stainless steel sinks and basins.
- Suits 50732.



50730



50731

Sink - Waste - 25mm

Part No.	Description	Plug Dia.		Waste/Plug
		(in)	(mm)	
50410	1" Complete Sink Waste with Plug	1"	25	Waste + Plug
50411	1" Rubber Plug Only	1"	25	Plug Only
50412	1" Sink Waste Only (No Plug)	1"	25	Waste Only
50413	1" Right Angle Sink Waste	1"	25	Waste Only
50414	1" Complete Right Angle Sink Waste with Plug	1"	25	Waste + Plug



50410



50411



50412



50413



50414

Scuppers / Drains

Scupper / Drain - Cockpit & Shower - Stainless Steel Face



Part No.	Angle	Drain Face Ø (mm)	Floor Thickness (mm)	Cut Out Ø (mm)	Hose I.D. Ø		Tail Length (mm)
					(in)	(mm)	
45490	120°	72	25	31	1-3/8"	28	30
45492	120°	85	25	52	1-1/2"	38	40

- Nylon and stainless steel.
- Top stainless steel cover is removable for easy cleaning.
- Rod down the centre of the body to prevent large obstructions being lodged in the body of the pipe.

Scupper / Drain - Cockpit & Shower - Flush Mount



Part No.	Angle	Drain Face Ø (mm)	Floor Thickness (mm)	Cut Out Ø (mm)	Hose I.D. Ø		Tail Length (mm)
					(in)	(mm)	
NEW ENTRY 231306	Straight	56	9.5 to 25	38	1"	25	25
NEW ENTRY 231307	90°	56	7 to 25	38	1"	25	25

- Moulded fibre reinforced Acetal with highly polished stainless steel.
- Drain face mounts flush.
- The centre cap is removable for easy cleaning.
- Spacers included for thinner floor thickness.
- Concave shape for improved draining.

Scupper / Drain - Cockpit & Shower - Recessed Mount



Part No.	Drain Face Ø (mm)	Floor Thickness (mm)	Cut Out Ø (mm)	Hose I.D. Ø		Tail Length (mm)
				(in)	(mm)	
NEW ENTRY 45496	54.9	up to 40	47.3	1-1/2"	38	36

- Molded Polypropylene.
- Drain face mounts flush.
- Removeable Strainer
- Hexagonal Mesh to prevent large objects going down the drain.
- Narrow flange allows an 8.1mm recessed installation.

Scupper / Drain - Cockpit & Shower - Skin Fitting



Part No.	Drain Face Ø (mm)	Floor Thickness (mm)	Cut Out Ø (mm)	Hose I.D. Ø		Tail Length (mm)
				(in)	(mm)	
NEW ENTRY 45494	66	up to 40	47.3	1-1/2"	38	35

- Moulded Nylon.
- Square Mesh to prevent large objects going down the drain.
- Drain has a 5.5mm domed face.



Skin Fittings - Tail - Nylon & Stainless Steel

Part No.	Colour	Tail Ø		Thread Length - BSP (mm)
		(in)	(mm)	
45770	Black	5/8"	16	45
45771	Black	3/4"	20	45
45772	Black	1"	25	45
45773	Black	1-1/8"	28	45
45774	Black	1-1/4"	32	50
45775	Black	1-1/2"	38	50

- Nylon thru-hull connection skin fitting and barb tail, 316 grade stainless steel trim plate.
- Skin fitting and tail is glass reinforced nylon compound.
- For thin hull sections up to 5/8" maximum.
- Skin fitting includes nut.



Skin Fitting - 90° Tail - Nylon & Stainless Steel

Part No.	Colour	Tail Ø		Thread Length - BSP (mm)	Angle
		(in)	(mm)		
45780	Black	3/4"	20	20	90°
45784	Black	1"	25	25	90°
45781	Black	1-1/8"	28	45	90°
45783	Black	1-1/2"	38	45	90°

- 90° nylon thru-hull connection skin fitting and barb tail, 316 grade stainless steel trim plate.
- Skin fitting and tail is glass reinforced nylon compound.
- Skin fitting includes nut.



45780 / 45781 / 45783



45784

Skin Fitting - 90° Tail - Nylon

Part No.	Colour	Tail Ø		Thread Length - BSP (mm)	Angle
		(in)	(mm)		
45461	White	3/4"	20	33	90°
45463	White	1"	25	33	90°
45464	White	1-1/2"	38	40	90°
45473	Black	3/4"	20	33	90°
45474	Black	1"	25	33	90°
45475	Black	1-1/2"	38	40	90°

- Nylon thru-hull with 90° bend and barbed tail.
- Skin fitting includes nut.



Skin Fittings & Thru-Hull Pickups

Skin Fittings - Tail - Acetal



Skin Fittings with Nuts			
Part No.	Tail Ø		BSP Thread Length (mm)
	(in)	(mm)	
45435	½"	12	50
45440	⅝"	16	49
45450	¾"	20	55
45460	1"	25	55
45470	1-¼"	32	55
45480	1-½"	38	53
45482	2"	50	58

- Acetal thru-hull connection skin fitting with BSP thread and tail.
- For use with Ball Valves & Gate Valves.
- UV resistant.
- Skin fitting includes nut.

Spare Nuts suits Acetal Skin Fittings	
Part No.	Description
45435B	½" BSP Thread Acetal Nut suits Skin Fittings
45440B	⅝" BSP Thread Acetal Nut suits Skin Fittings
45450B	¾" BSP Thread Acetal Nut suits Skin Fittings
45460B	1" BSP Thread Acetal Nut suits Skin Fittings
45470B	1-¼" BSP Thread Acetal Nut suits Skin Fittings
45480B	1-½" BSP Thread Acetal Nut suits Skin Fittings

- Spare nut replacement for **45435, 45440, 45450, 45460, 45470** and **45480**.

Skin Fittings - Tail - Nylon



Part No.	Tail Ø		BSP Thread Length (mm)
	(in)	(mm)	
45435A	½" and ⅝"	12 and 16	35
45450A	¾"	20	52
45460A	1"	25	52
45465A	1-⅝"	28	53
45470A	1-¼"	32	53
45480A	1-½"	38	53

- Nylon thru-hull connection skin fitting with BSP thread and barb tail.
- For use with Ball Valves & Gate Valves
- Skin fitting includes nut.

Skin Fittings - Thru-hull Bronze



Part No.	Thread (in)	Part No.	Thread (in)
29208	½" BSP	29216	1-½" BSP
29210	¾" BSP	29218	2" BSP
29212	1" BSP	29220	2-½" BSP
29214	1-¼" BSP	29222	3" BSP

- Bronze skin fitting.
- BSP thread.
- Skin fitting includes nut.



Skin Fittings - Tail - Stainless Steel

Part No.	Thread Length (mm)	Tail Ø	
		(in)	(mm)
45760	22	5/8"	16
45761	26	3/4"	20
45762	28	1"	25

Part No.	Thread Length (mm)	Tail Ø	
		(in)	(mm)
45763	28	1-1/8"	28
45764	32	1-1/4"	32
45765	30	1-1/2"	38



- Short length 316G stainless steel thru-hull connection skin fitting and barb tail.
- Flange is machined to fit hull and groove to retain bedding compound.
- For thin hull sections up to 3/8" maximum.
- Skin fitting includes nut.

Skin Fittings - Thru-hull Stainless Steel

Part No.	Thread (in)	Thread Length (mm)
45060	1/2" BSP	60
45061	3/4" BSP	69
45062	1" BSP	68
45063	1-1/4" BSP	77

Part No.	Thread (in)	Thread Length (mm)
45064	1-1/2" BSP	77
45065	2" BSP	93
45066	2-1/2" BSP	131



- 316G stainless steel skin fitting.
- BSP thread.
- Skin fitting includes nut.

Skin Fittings - 90° - Bulkhead Thru-Hull Tail

Part No.	Colour	Thread (in)	Thread Length (mm)	Tail Ø		Angle
				(in)	(mm)	
45466	White	3/4" BSP	39	3/4"	20	90°
45467	White	7/8" UNC	40	5/8"	16	90°

- Ideal for tight spots where hose is difficult to route without kinking.
- 90° through hulls or bulkhead tails.
- Durable polypropylene construction.



Skin Fittings - Thru-hull Pick Up

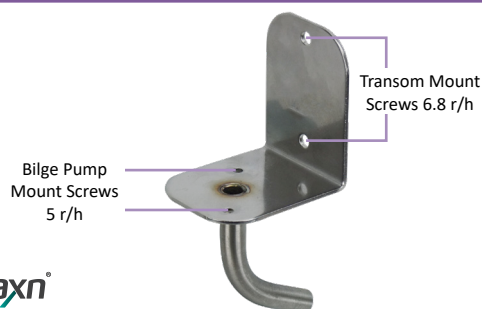
Part No.	Thread (in)	Thread Length (mm)	Colour	Material
23040	3/4" BSP	65	White	Nylon
23040B	3/4" BSP	65	Black	Nylon
23042	3/4" BSP	65	S/S	

- BSP thread.
- Skin fitting includes nut.



Scoops & Strainers

Water Scoop Live Bait Tank - Stainless Steel - Bilge Pump



relaxn[®]

Part No.	Transom			Bilge Pump
	Dimensions W x H (mm)	Mounting Size W x H (mm)	Mount Screws (mm)	Mount Screws (mm)
29081	59.7 x 158.8	63 x 82	6.8 r/h	5 r/h

- Ideal for circulating fresh sea water through your bait tank while under way.
- Designed for: Shurflo[®] - 500, 700 and 1000 Bilge pumps.
Rule[®] - 360 and 500 Bilge pumps.
- 316G stainless steel.

Water Scoop Live Bait Tank - Stainless Steel



relaxn[®]

Part No.	Dimensions W x H (mm)	Mounting W x H (mm)	Stern Suits Hose Dia. (mm)	Mount Screws (mm)
29080	49.5 x 94	49.5 x 40	12.7	5 r/h

- Ideal for circulating fresh sea water through your bait tank while under way.
- 316G stainless steel.

Scoops - Stainless Steel



Part No.	Thread (in)	Thread Length (mm)	Part No.	Thread (in)	Thread Length (mm)
45071	¾" BSP	80	45074	1-½" BSP	-
45072	1" BSP	75	45075	2" BSP	90

- 316G stainless steel thru-hull connection skin fitting scoop.
- BSP thread.
- Skin fitting includes nut.

Scoop / Strainer - Bronze

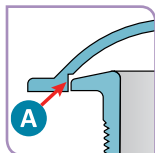


Part No.	Description	Internal Measurements Ø x H (mm)
29294	Small Round	80 x 18

- Diecast bronze intake strainer.

Scoop / Strainers - Nylon - TruDesign[®]

GLASS FIBRE
NYLON COMPOSITE



Part No.	Shape	Outside (mm)	Inside (mm)	Depth (mm)	A (mm)	Fits Skin Fittings (in)	Screw Gauge
29296	Oval	95 x 65	73 x 40	21	3	½" or ¾"	8G c/s
29298	Oval	130 x 96	100 x 65	31	4	1" or 1-¼"	8G c/s
29299	Oval	177 x 130	138 x 90	42	5	1-½" or 2"	8G c/s
29297	Round	Ø 100	Ø 66.5	25	5.5	1-¼" or Smaller	8G c/s

- See the TruDesign section for more information on page 499.

Strainer - Thru-hull - Stainless Steel



45068



45070

NEW ENTRY

Part No.	Description	Connector Type	Dimensions (mm)		
			L	W	D
45068	Stainless Steel Mesh Strainer	20mm Tail	65	61	94
45070	Stainless Steel Mesh Strainer	¾" NPT (F)	38	38	34

- Ideal for raw water intake for gen-set or live bait tank.
- Stainless steel mesh designed to provide maximum water flow while offering great filtration.
- **45070** suits live bait pumps.



Strainers Water - Plastic

Part No.	Size (mm)	Filter Type
458920	20	Water Strainer
458921	38	Water Strainer



- Plastic Water Strainer with transparent lid for easy inspection.
- The unique concept behind this innovative design is to simplify filter maintenance without needing to replace the entire Strainer.
- Quick access lid for cleaning strainer.

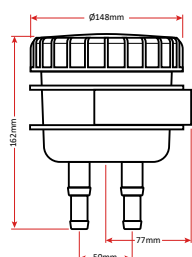


Strainers Water - Plastic

Part No.	Description	Filter	Hose Size Ø (mm)	Dimensions Ø x H (mm)
458900	Water Strainer	Strainer	19 / 25	148 x 162
458902	Water Strainer	Strainer	32 / 38	148 x 162



- The unique concept behind this innovative design is to simplify filter maintenance without needing to replace the entire Strainer.
- Transparent lid for easy inspection.
- Quick access screw-off lid for cleaning strainer.
- Detachable mounting bracket for easy maintenance.



458900

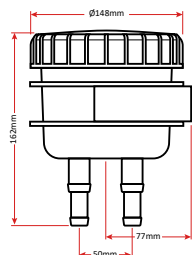


Breathers - Black Water / Fuel

Part No.	Description	Filter	Hose Size Ø (mm)	Dimensions Ø x H (mm)
458904	Black Water/Fuel Tank Air Vent	Carbon Filter	19 / 25	148 x 162
458908	Replacement Carbon Filter suits 458904			

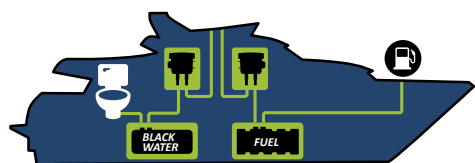


- This innovative design simplifies Black Water and Fuel Vent maintenance without needing to replace the entire unit.
- Active Carbon Filter is ideal for Black Water and Fuel vents.
- Transparent lid for easy inspection.
- Quick access for changing the Carbon filter.
- Detachable mounting bracket for easy installation and maintenance.
- Stepped tail suits hose diameters: Ø 19mm and Ø 25mm.
- **458904** - Includes Filter, Active Carbon Filter insert and mounting bracket.
- **458908** - Replacement Carbon Filter.



458904

458908



TruDesign develop real-world marine solutions.

TRUDESIGN™

Sam Allen Wholesale now stock the full range of TruDesign fittings. Our aim has always been to deliver unmatched service; providing friendly helpful service, extensive product knowledge and competitive prices you have come to rely on.

TruDesign is a market leader in the design, certification and manufacture of premium quality, composite marine plumbing fittings. TruDesign's products are strong, lightweight and won't erode or break down like metallic & inferior plastic products.

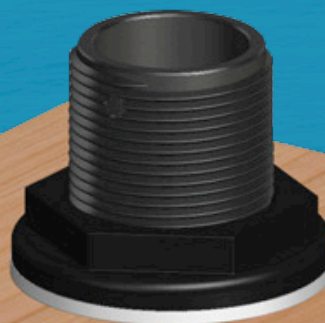
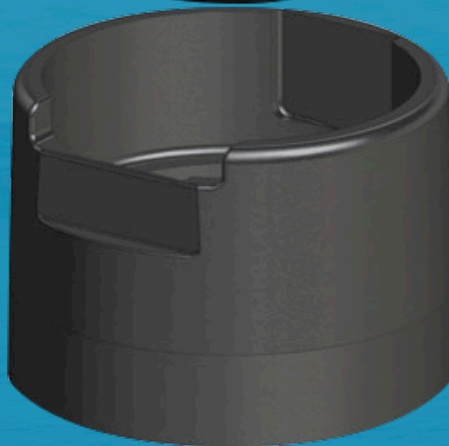
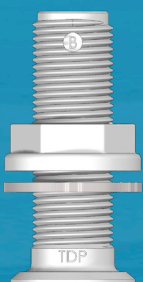
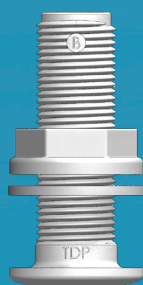
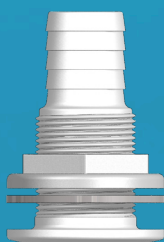
TruDesign's broad range of innovative, New Zealand made products are approved by the toughest global certification authorities, conforming to rigid ISO and ABYC Marine Standards.

TruDesign's highly experienced team of designers, engineers, toolmakers and quality assurance experts continue to add and improve new innovative products year on year.

Thanks to more than 40 years' experience designing, tooling and manufacturing complex injection molded engineered plastics, TruDesign have developed a great range of sophisticated products to meet the safety demands of the modern boating industry.



Are your marine plumbing fittings compliant?



ABYC
Setting Standards for Safer Boating

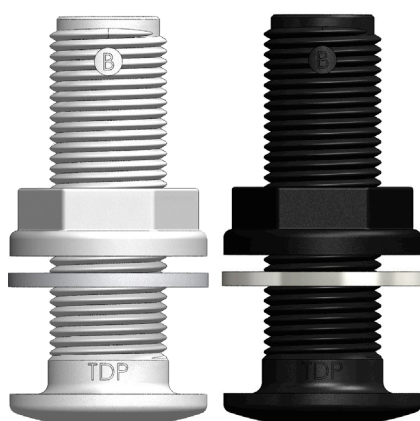


TRUDESIGN™

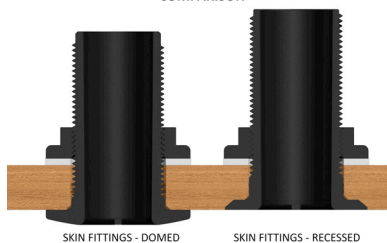
Skin Fittings - Domed -TruDesign®



NEW



COMPARISON

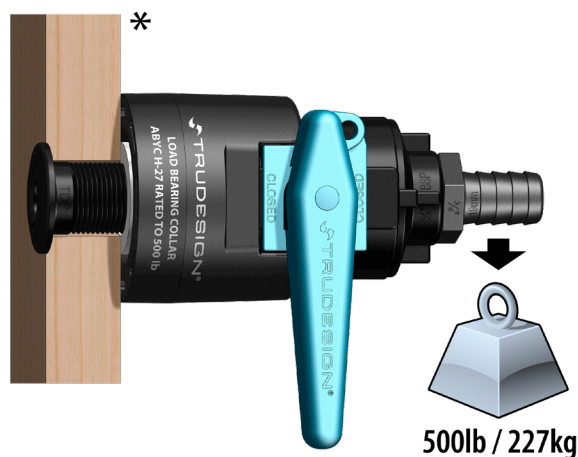


SKIN FITTINGS - DOMED

SKIN FITTINGS - RECESSED

Part No.	Description	Colour	Thread Size (in)	Max Hull Thickness (mm)
NEW ENTRY 450200	Skin Fitting - Domed	White	½" BSP (M)	32
NEW ENTRY 450201	Skin Fitting - Domed	White	¾" BSP (M)	32
NEW ENTRY 450202	Skin Fitting - Domed	White	1" BSP (M)	32
NEW ENTRY 450203	Skin Fitting - Domed	White	1-¼" BSP (M)	44
NEW ENTRY 450204	Skin Fitting - Domed	White	1-½" BSP (M)	44
NEW ENTRY 450205	Skin Fitting - Domed	White	2" BSP (M)	44
NEW ENTRY 450049	Skin Fitting - Domed	Black	½" BSP (M)	32
450050	Skin Fitting - Domed	Black	¾" BSP (M)	32
450051	Skin Fitting - Domed	Black	1" BSP (M)	32
450052	Skin Fitting - Domed	Black	1-¼" BSP (M)	44
450053	Skin Fitting - Domed	Black	1-½" BSP (M)	44
450054	Skin Fitting - Domed	Black	2" BSP (M)	44

- Designed to be installed below water line.
- Paintable - Can be painted with all types of antifouling.
- Glass reinforced nylon composite - High strength, stiffness and light weight.
- Immune to corrosion and electrolysis for long service life.
- Chemical resistant - Impervious to diesel, petrol and antifouling paints.
- UV resistant, suitable for all marine environments.
- Large operating temperature range from -40°C to +110°C.
- Certified to ABYC H27, ISO 9001, IMCI ISO 9093-2 and Burea Veritas 27801/A0 standards.
- Meets ABYC H-27 Standard when installed in combination with TruDesign Valves and Load Bearing Collars*.



500lb / 227kg



Skin Fittings - Recessed - TruDesign®

Part No.	Description	Colour	Thread Size (in)	Max Hull Thickness (mm)	
450055	Skin Fitting - Recessed	White	½" BSP (M)	36	NEW ENTRY
450056	Skin Fitting - Recessed	White	¾" BSP (M)	36	NEW ENTRY
450057	Skin Fitting - Recessed	White	1" BSP (M)	36	NEW ENTRY
450058	Skin Fitting - Recessed	White	1-¼" BSP (M)	49	NEW ENTRY
450059	Skin Fitting - Recessed	White	1-½" BSP (M)	49	NEW ENTRY
450174	Skin Fitting - Recessed	Black	½" BSP (M)	36	NEW ENTRY
450175	Skin Fitting - Recessed	Black	¾" BSP (M)	36	NEW ENTRY
450176	Skin Fitting - Recessed	Black	1" BSP (M)	36	NEW ENTRY
450177	Skin Fitting - Recessed	Black	1-¼" BSP (M)	49	NEW ENTRY
450178	Skin Fitting - Recessed	Black	1-½" BSP (M)	49	NEW ENTRY

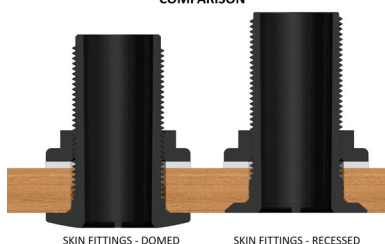


NEW



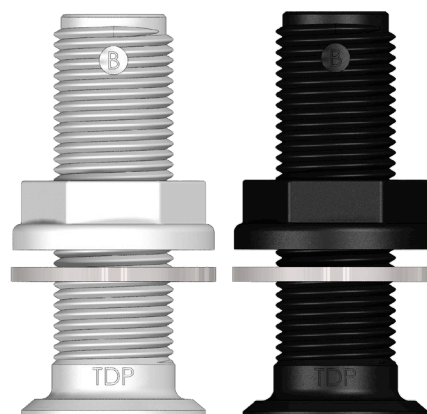
- Designed to be installed below water line.
- Paintable - Can be painted with all types of antifouling.
- Glass reinforced nylon composite - High strength, stiffness and light weight.
- Immune to corrosion and electrolysis for long service life.
- Chemical resistant - Impervious to diesel, petrol and antifouling paints.
- UV resistant, suitable for all marine environments.
- Large operating temperature range from -40°C to +110°C.
- Certified to ABYC H27, ISO 9001, IMCI ISO 9093-2 and Burea Veritas 27801/A0 standards.
- Meets ABYC H-27 Standard when installed in combination with TruDesign Valves and Load Bearing Collars*.

COMPARISON



SKIN FITTINGS - DOMED

SKIN FITTINGS - RECESSED



ISO 9001

ISO 9093-2

27801/A0

Skin Fittings - Mould Plugs - TruDesign®

Part No.	Description	Suits Size (in)	
450216	GRP Mould Plug suits Recessed Skin Fitting	¾"	NEW ENTRY
450217	GRP Mould Plug suits Recessed Skin Fitting	1"	NEW ENTRY
450218	GRP Mould Plug suits Recessed Skin Fitting	1-¼"	NEW ENTRY
450219	GRP Mould Plug suits Recessed Skin Fitting	1-½"	NEW ENTRY

- Makes a Pre-form recess in the layup stage of GRP hulls that fits exactly a TruDesign approved Recessed Skin Fitting - Saves complex machining of bevelled edges in the GRP hull ideal for OEMs.
- Bevelled Edges are now part of the Gelcoat - The integrity of the hull is maintained, minimising wicking down end grain and delamination.
- Injection moulded Polypropylene material - 'Waxy' feel to material gives non-stick properties for easy-removal from the hull.
- Reversed text size info embossed on part - After removal from the hull the size of the hole saw required and size of the Recessed Skin Fitting to use is left imprinted on the fibreglass (reading the correct way).
- Centre drill locator - Forms an indentation in the centre of the recess perfect for positioning the centre drill of a hole saw in to before cutting.
- Gluing 'channel' - Forms a channel directly under the flat face of a Recessed Skin Fitting head for increased contact with the adhesive or sealant.

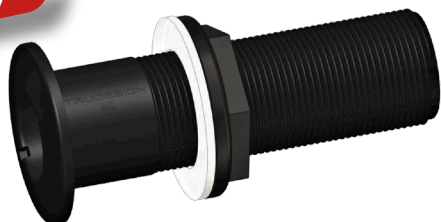


GRP Mould Plugs for Recessed Skin Fittings

Skin Fittings - Long - TruDesign®



NEW



	Part No.	Description	Colour	Thread Size (in)	Thread Length (mm)
NEW ENTRY	450238	Skin Fitting Long	White	¾" BSP (M)	137
NEW ENTRY	450239	Skin Fitting Long	White	1" BSP (M)	137
NEW ENTRY	450240	Skin Fitting Long	White	1-¼" BSP (M)	137
NEW ENTRY	450241	Skin Fitting Long	White	1-½" BSP (M)	137
NEW ENTRY	450242	Skin Fitting Long	White	2" BSP (M)	137
NEW ENTRY	450232	Skin Fitting Long	Black	¾" BSP (M)	137
NEW ENTRY	450233	Skin Fitting Long	Black	1" BSP (M)	137
NEW ENTRY	450234	Skin Fitting Long	Black	1-¼" BSP (M)	137
NEW ENTRY	450235	Skin Fitting Long	Black	1-½" BSP (M)	137
NEW ENTRY	450236	Skin Fitting Long	Black	2" BSP (M)	137
NEW ENTRY	450237	Skin Fitting Long	Black	3" BSP (M)	160

- Extra-long length designed for larger hull-thickness vessels.
- Manufactured from a glass-reinforced Nylon composite- High strength, tough and light weight.
- Compatible with all hull types - Can be used on aluminium, steel, wood, composite & GRP hulls.
- Immune to corrosion & electrolysis - No corrosion breakages, increased safety.
- Chemical resistant - Unaffected by diesel, petrol, chemicals, and antifouling paints.
- U.V resistant - Will not degrade or discolour from the sun's ultraviolet rays.
- Paintable - Paintable with all types of antifoul including Coppercoat™
- Fits TruDesign Ball Valves and other parallel BSP threads.
- Large operating range - Suitable for all marine conditions from -40°C to +110°C.
- Meets ABYC H-27 Standard when installed in combination with TruDesign Valves and Load Bearing Collars*.

NOTE: Minimum hull thickness 33mm.



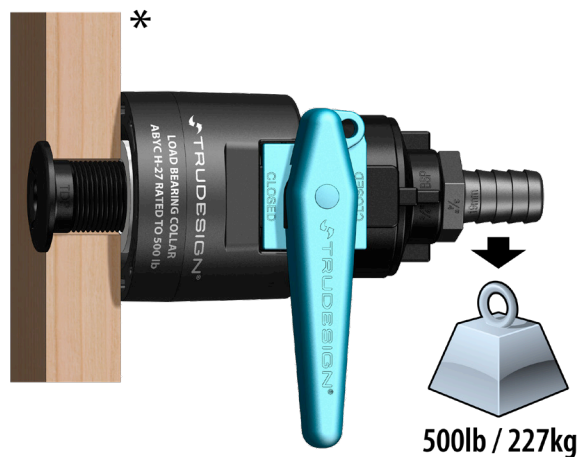
ISO 9001



ISO 9093-2



27801/A0

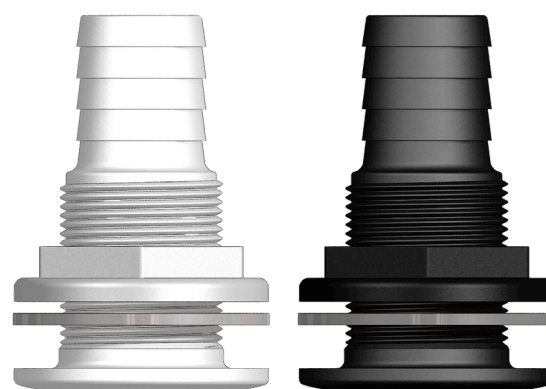




Skin Fittings - Tail - TruDesign®

Part No.	Description	Colour	Thread Size (in)	Tail Ø (mm)	Max Hull Thickness (mm)
450065	Skin Fitting	White	½" BSP (M)	13	30
450076	Skin Fitting	White	½" BSP (M)	16	30
450066	Skin Fitting	White	¾" BSP (M)	19	30
450067	Skin Fitting	White	1" BSP (M)	25	30
450077	Skin Fitting	White	1" BSP (M)	28	30
450068	Skin Fitting	White	1-¼" BSP (M)	32	30
450069	Skin Fitting	White	1-½" BSP (M)	38	30
450078	Skin Fitting	White	2" BSP (M)	50	45
450165	Skin Fitting	Black	½" BSP (M)	13	30
450168	Skin Fitting	Black	½" BSP (M)	16	30
450166	Skin Fitting	Black	¾" BSP (M)	19	30
450167	Skin Fitting	Black	1" BSP (M)	25	30
450169	Skin Fitting	Black	1" BSP (M)	28	30
450170	Skin Fitting	Black	1-¼" BSP (M)	32	30
450171	Skin Fitting	Black	1-½" BSP (M)	38	30
450172	Skin Fitting	Black	2" BSP (M)	50	45

- Compatible with all hull types - Can be used on aluminium, steel, wood or GRP hulls.
- Nylon washer supplied.
- All types of standard bedding compounds and epoxy or polyester resins can be used in installation.
- Glass reinforced nylon composite - High strength, stiffness and light weight.
- Immune to corrosion and electrolysis for long service life.
- Chemical resistant - Impervious to diesel, petrol and antifouling paints.
- UV resistant, suitable for all marine environments.
- Large operating temperature range from -40°C to +110°C.
- Long hose tail can be fitted with 2 hose clamps for a secure connection.
- Certified to ABYC H27, ISO 9001, IMCI ISO 9093-2 and Bureau Veritas 27801/A0 standards.



ISO 9001

ISO 9093-2

27801/A0

Skin Fittings - Installation Tools - TruDesign®

Part No.	Description	Suits Size Ø	
		(in)	(mm)
450035	Skin Fitting (Thru Hull) Installation Tool	¾"	19
450036	Skin Fitting (Thru Hull) Installation Tool	1"	25
450037	Skin Fitting (Thru Hull) Installation Tool	1-¼"	32
450038	Skin Fitting (Thru Hull) Installation Tool	1-½"	38
450039	Skin Fitting (Thru Hull) Installation Tool	2"	50

- Glass reinforced nylon composite - High strength, stiffness and light weight.
- Designed for single person installation.



Ball Valves - Position Monitored - TruDesign®



ISO 9001 ISO 9093-2 27801/A0

Part No.	Description	Thread Size (in)	Internal Ø		Weight (g)
			(in)	(mm)	
450080	Ball Valve Position Monitored	¾" BSP (F)	¾"	19	350
450086	Ball Valve Position Monitored	1" BSP (F)	¾"	19	350
450087	Ball Valve Position Monitored	1-¼" BSP (F)	1-¼"	32	500
450088	Ball Valve Position Monitored	1-½" BSP (F)	1-¼"	32	500
450089	Ball Valve Position Monitored	2" BSP (F)	2"	52	750

- Position Monitored - Able to be used as an engine interlock. Monitoring of multiple Ball Valve positions through the 450090 Panel Display.
- Glass reinforced nylon composite - High strength, stiffness and light weight.
- Immune to corrosion and electrolysis for long service life.
- Chemical resistant - Impervious to diesel, petrol and antifouling paints.
- UV resistant, suitable for all marine environments.
- Large operating temperature range from -40°C to +110°C.
- Certified to ABYC H27, ISO 9001, AWQC, IMCI ISO 9093-2 and Burea Veritas 27801/A0 standards.

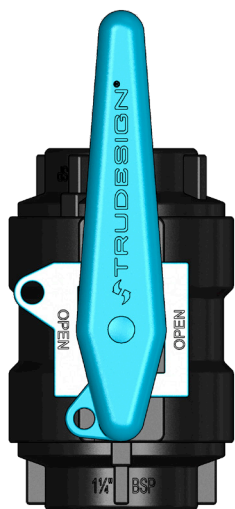
Ball Valves - Position Monitored Panel - TruDesign®



Part No.	Description
450090	Ball Valve Position Monitored Display Panel

- Supply voltage: 9.5V - 12V DC.
- Max. switching current: 500mA.
- Wire Length: 2m (6.5').
- Monitoring from an accessible location.
- Indication of multiple Ball Valve positions.
- Able to be used as an engine interlock to disable starting when closed.

Ball Valves - Manual - TruDesign®



450070 - 450075



450260

Part No.	Description	Thread Size (in)	Internal Ø		Weight (g)
			(in)	(mm)	
450070	Manual Ball Valve	½" BSP (F)	¾"	19	300
450071	Manual Ball Valve	¾" BSP (F)	¾"	19	300
450072	Manual Ball Valve	1" BSP (F)	¾"	19	300
450073	Manual Ball Valve	1-¼" BSP (F)	1-¼"	32	450
450074	Manual Ball Valve	1-½" BSP (F)	1-¼"	32	450
450075	Manual Ball Valve	2" BSP (F)	2"	52	700
450260	Manual Ball Valve	3" BSP (F)	3"	75	



- Glass reinforced nylon composite - High strength, stiffness and light weight.
- Immune to corrosion and electrolysis for long service life.
- Chemical resistant - Impervious to diesel, petrol and antifouling paints.
- UV resistant, suitable for all marine environments.
- Large operating temperature range from -40°C to +110°C.
- Certified to ABYC H27, ISO 9001, AWQC, IMCI ISO 9093-2 and Burea Veritas 27801/A0 standards.



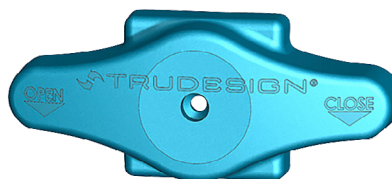
ISO 9001 ISO 9093-2 27801/A0



Ball Valve - 'T' Handle - TruDesign®

Part No.	Description	Size	Suits Size	
			(in)	(mm)
450082	Replacement 'T' Handle	Small	1", ¾", ½"	25 / 19 / 13
450083	Replacement 'T' Handle	Large	2", 1½", 1¼"	50 / 38 / 32

NEW ENTRY



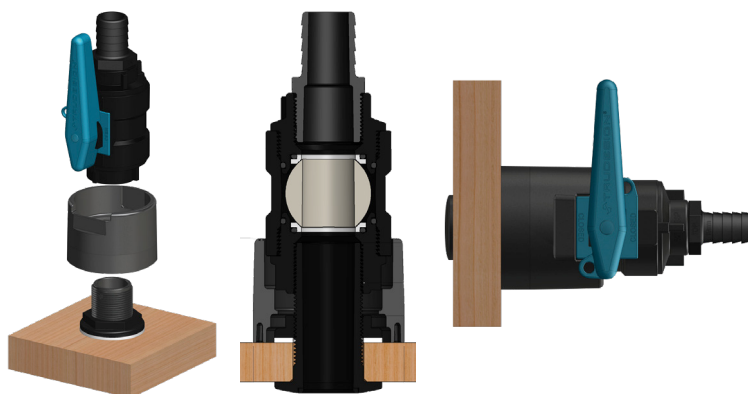
- Replacement 'T' handles for manual ball valves.
- Glass reinforced nylon composite - High strength, stiffness and light weight.
- Immune to corrosion and electrolysis for long service life.
- Chemical resistant - Impervious to diesel, petrol and antifouling paints.
- UV resistant, suitable for all marine environments.

Load Bearing Collars - TruDesign®

Part No.	Description	Size	Suits Ball Valve Size (in)
450030	Load Bearing Collar	Small	½", ¾", 1"
450032	Load Bearing Collar	Medium	1-¼", 1-½"
450034	Load Bearing Collar	Large	2"

NEW ENTRY

- Manufactured from high strength, UV stabilised glass reinforced nylon composite making the valve strong and lightweight.
- Can withstand a static load of 227kg for a maximum of 30 seconds.
- No additional bolts or fasteners through or on the hull.
- Can be retrofitted to existing TruDesign assemblies.
- Compatible with all hull types across a wide range of thicknesses.
- Protects vulnerable areas that can be inadvertently struck by loose items in the hull.
- Easy to install.
- Certified to ABYC H27 standards.



Ball Valve Spanners - TruDesign®

Part No.	Description	Suits Size (in)
45340	Ball Valve Spanner	¾", 1"
45342	Ball Valve Spanner	1-¼", 1-½"
45344	Ball Valve Spanner	2"

NEW ENTRY

- Spanner for tightening TruDesign® Ball Valves to a maximum of 16mm (12ft/lbs).
- Glass reinforced nylon composite - High strength, stiffness and light weight.
- Immune to corrosion and electrolysis for long service life.
- Chemical resistant - Impervious to diesel, petrol and antifouling paints.
- UV resistant, suitable for all marine environments.



Hose Tails - Female Tail Straight - TruDesign®



	Part No.	Thread Size (in)	Tail Size Ø (mm)	Colour	Type
NEW ENTRY	450220	¾" BSP (F)	19	Black	Straight
NEW ENTRY	450221	1" BSP (F)	25	Black	Straight
NEW ENTRY	450222	1-¼" BSP (F)	32	Black	Straight
NEW ENTRY	450223	1-½" BSP (F)	38	Black	Straight
NEW ENTRY	450224	2" BSP (F)	50	Black	Straight

- Glass reinforced nylon composite - High strength and light weight.
- Immune to corrosion and electrolysis for long service life.
- Chemical resistant - Impervious to diesel, petrol and antifouling paints.
- UV resistant, suitable for all marine environments.
- Large operating temperature range from -40°C to +110°C.
- Long tail hose can be fitted with 2 hose clamps for a secure connection.

Hose Tails - Male Tail Straight - TruDesign®



	Part No.	Thread Size (in)	Tail Size Ø (mm)	Colour	Type
Tails Straight					
	450128	½" BSP (M)	13	Black	Straight
	450129	½" BSP (M)	16	Black	Straight
	450130	¾" BSP (M)	19	Black	Straight
	450132	1" BSP (M)	25	Black	Straight
	450134	1-¼" BSP (M)	32	Black	Straight
	450136	1-½" BSP (M)	38	Black	Straight
	450138	2" BSP (M)	50	Black	Straight
NEW ENTRY	450264	3" BSP (M)	75	Black	Straight

	Part No.	Thread Size (in)	Tail Size Ø (mm)	Colour	Type
Tails Straight - Unequal					
	450108	1" BSP (M)	28	Black	Straight
	450110	1-½" BSP (M)	32	Black	Straight
	450112	1-¾" BSP (M)	38	Black	Straight
NEW ENTRY	450268	3" BSP (M)	63	Black	Straight

- Glass reinforced nylon composite - High strength and light weight.
- Immune to corrosion and electrolysis for long service life.
- Chemical resistant - Impervious to diesel, petrol and antifouling paints.
- UV resistant, suitable for all marine environments.
- Large operating temperature range from -40°C to +110°C.
- Long tail hose can be fitted with 2 hose clamps for a secure connection.

Hose Tails - Male Tail 90° - TruDesign®



	Part No.	Thread Size (in)	Tail Size Ø (mm)	Colour	Type
Tails 90°					
	450079	½" BSP (M)	13	Black	90°
	450060	¾" BSP (M)	19	Black	90°
	450061	1" BSP (M)	25	Black	90°
	450062	1-¼" BSP (M)	32	Black	90°
	450063	1-½" BSP (M)	38	Black	90°
	450064	2" BSP (M)	50	Black	90°
Tails 90° - Unequal					
	450113	½" BSP (M)	16	Black	90°
	450114	1-¼" BSP (M)	38	Black	90°

- Glass reinforced nylon composite - High strength and light weight.
- Immune to corrosion and electrolysis for long service life.
- Chemical resistant - Impervious to diesel, petrol and antifouling paints.
- UV resistant, suitable for all marine environments.
- Large operating temperature range from -40°C to +110°C.

Hose Tails - Female Tail 90° - TruDesign®

Part No.	Thread Size (in)	Tail Size Ø (mm)	Colour	Type
450140	½" BSP (F)	16	Black	90°
450142	¾" BSP (F)	19	Black	90°
450144	1" BSP (F)	25	Black	90°
450146	1-¼" BSP (F)	32	Black	90°
450148	1-½" BSP (F)	38	Black	90°
450150	2" BSP (F)	50	Black	90°

- Ideal for solving the problems of confined plumbing encountered in marine installations.
- Glass reinforced nylon composite - High strength and light weight.
- Immune to corrosion and electrolysis for long service life.
- Chemical resistant - Impervious to diesel, petrol and antifouling paints.
- UV resistant, suitable for all marine environments.
- Large operating temperature range from -40°C to +110°C.
- Long tail hose can be fitted with 2 hose clamps for a secure connection.



Hose Tails - Male Tail 120° - TruDesign®

Part No.	Thread Size (in)	Tail Size Ø (mm)	Colour	Type
450116	1" BSP (M)	25	Black	120°
450117	1-¼" BSP (M)	32	Black	120°
450118	1-½" BSP (M)	38	Black	120°
450119	2" BSP (M)	50	Black	120°

- Glass reinforced nylon composite - High strength and light weight.
- Immune to corrosion and electrolysis for long service life.
- Chemical resistant - Impervious to diesel, petrol and antifouling paints.
- UV resistant, suitable for all marine environments.
- Large operating temperature range from -40°C to +110°C.
- Long tail hose can be fitted with 2 hose clamps for a secure connection.



Coupling - Female-Male 90° - TruDesign®

Part No.	Thread Size (in)	Thread Size (in)	Colour	Type
450095	¾" BSP (F)	¾" BSP (M)	Black	90°
450105	1" BSP (F)	1" BSP (M)	Black	90°
450104	1-¼" BSP (F)	1-¼" BSP (M)	Black	90°
450106	1-½" BSP (F)	1-½" BSP (M)	Black	90°
450107	2" BSP (F)	2" BSP (M)	Black	90°
450270	3" BSP (F)	3" BSP (M)	Black	90°

- Versatile connector for tight corners.
- For ball valves in confined locations.
- Glass reinforced nylon composite - High strength and light weight.
- Immune to corrosion and electrolysis for long service life.
- Chemical resistant - Impervious to diesel, petrol and antifouling paints.
- UV resistant, suitable for all marine environments.
- Large operating temperature range from -40°C to +110°C.



NOTE: Do not use with tapered thread valves or fittings.

Hose Joiner - Straight - TruDesign®



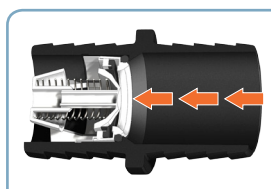
NEW



Part No.	Hose Tail Ø		Colour	Type
	(in)	(mm)		
NEW ENTRY 450180	½"	13	Black	Straight
NEW ENTRY 450181	¾"	19	Black	Straight
NEW ENTRY 450182	1"	25	Black	Straight
NEW ENTRY 450183	1-¼"	28	Black	Straight
NEW ENTRY 450184	1-¾"	32	Black	Straight
NEW ENTRY 450185	1-½"	38	Black	Straight
NEW ENTRY 450186	2"	50	Black	Straight

- Simple straight connectors for joining two hoses of the same size.
- Glass reinforced nylon composite - High strength, stiffness and light weight.
- Immune to corrosion and electrolysis for long service life.
- Chemical resistant - Impervious to diesel, petrol and antifouling paints.
- UV resistant, suitable for all marine environments.
- Large operating temperature range from -40°C to +110°C.

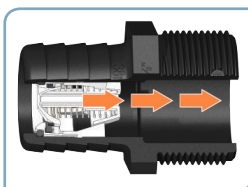
Non Return Valve - TruDesign®



Part No.	Hose Tail Ø		Colour	Recommended Flow-rates (Litres/min)	Opening Pressure (psi)
	(in)	(mm)			
450040	¾"	19	Black	15 – 42	~ 0.41
450042	1"	25	Black	25 – 79	~ 0.29
NEW ENTRY 450043	1-⅙"	28	Black	25 – 79	~ 0.29
450044	1-¼"	32	Black	32 – 117	~ 0.26
450046	1-½"	38	Black	61 – 193	~ 0.23
450048	2"	50	Black	87 – 322	~ 0.22

- Ideal for stopping water backflow from siphoning.
- Stainless spring - No corrosion or risk of internal valve staying open.
- Very low opening pressure with minimal restriction on flow-rate.
- Minimal installation room needed and no other fittings required.
- The **White Arrow** identifies water flow direction.
- Recommended operating pressure: 0 - 150 psi (Max 230 psi).
- Recommended operating temperature: 65°C (Max 93°C).
- Glass reinforced nylon composite - High strength, stiffness and light weight.
- Immune to corrosion and electrolysis for long service life.
- Chemical resistant - Impervious to diesel, petrol and antifouling paints.
- UV resistant, suitable for all marine environments.

Non Return Valve - Threaded - TruDesign®



Part No.	Hose Tail Ø		Colour	Recommended Flow-rates (Litres/min)	Opening Pressure (psi)
	(in)	(mm)			
NEW ENTRY 450041	1"	25	Black	25 – 79	~ 0.29
NEW ENTRY 450045	1-½"	38	Black	61 – 193	~ 0.23

- Ideal for stopping water backflow from siphoning.
- Stainless spring - No corrosion or risk of internal valve staying open.
- Very low opening pressure with minimal restriction on flow-rate.
- Minimal installation room needed and no other fittings required.
- The **White Arrow** identifies water flow direction.
- Recommended operating pressure: 0 - 150 psi (Max 230 psi).
- Recommended operating temperature: 65°C (Max 93°C).
- Glass reinforced nylon composite - High strength, stiffness and light weight.
- Immune to corrosion and electrolysis for long service life.
- Chemical resistant - Impervious to diesel, petrol and antifouling paints.
- UV resistant, suitable for all marine environments.

Hose Joiner - Straight Reducer - TruDesign®

Part No.	Hose Tail Ø (mm)	Colour	Type
45884	19 - 13	White	Straight
45885	19 - 16	White	Straight
45886	25 / 13	White	Straight
45887	25 / 19	White	Straight
45888	32 / 25	White	Straight
45889	38 / 25	White	Straight
45890	38 / 32	White	Straight

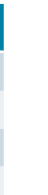


NEW

- Long tail feature - The use of 2 hose clamps is recommended for secure hose fitting.
- Glass reinforced nylon composite - High strength, stiffness and light weight.
- Immune to corrosion and electrolysis for long service life.
- Chemical resistant - Impervious to diesel, petrol and antifouling paints.
- UV resistant, suitable for all marine environments.
- Large operating temperature range from -40°C to +110°C.

Hose Joiner - 90° - TruDesign®

Part No.	Hose Tail Ø (mm)	Colour	Type
450099	19	White	90°
450100	25	White	90°
450102	38	White	90°
450103	50	White	90°

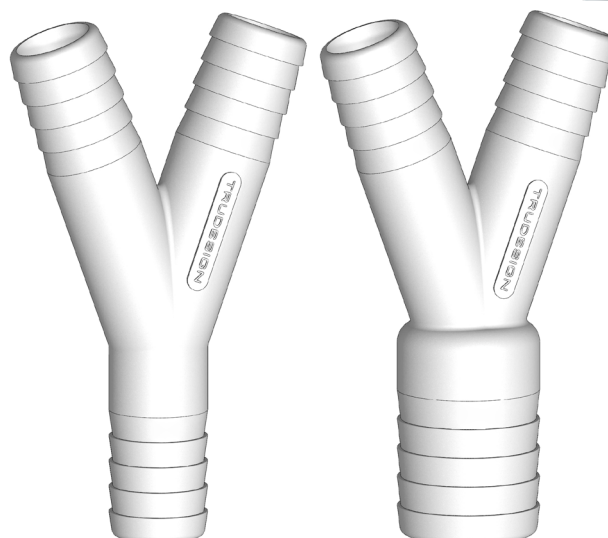


- Hose connectors to facilitate tidy routing of hoses round 90° corners, reducing crimped hoses and stress on hoses.
- Glass reinforced nylon composite - High strength, stiffness and light weight.
- Immune to corrosion and electrolysis for long service life.
- Chemical resistant - Impervious to diesel, petrol and antifouling paints.
- UV resistant, suitable for all marine environments.
- Large operating temperature range from -40°C to +110°C.

Hose Joiner - Y Piece Tail - TruDesign®

Y Piece Tails			
Part No.	Hose Tail Ø (mm)	Colour	Type
45352	19	White	Y Piece
45355	25	White	Y Piece
45349	32	White	Y Piece
45356	38	White	Y Piece

Reducer			
Part No.	Hose Tail Ø (mm)	Colour	Type
45353	19 / 19 / 25	White	Y Piece
45357	25 / 25 / 38	White	Y Piece



- Designed for use with twin hose clamps and to never crush.
- Allow drain hoses to merge into one line turbulent free.
- The Y configuration minimises clogging and facilitates flow.
- Glass reinforced nylon composite - High strength, stiffness and light weight.
- Immune to corrosion and electrolysis for long service life.
- Chemical resistant - Impervious to diesel, petrol and antifouling paints.
- UV resistant, suitable for all marine environments.
- Large operating temperature range from -40°C to +110°C.

Manifolds, Thru-Bulkhead & Countersunk Washers

T-Joiners - Manifold - TruDesign®



Part No.	Thread Size (in)	Thread Size (in)	Colour
453285	1-1/2" BSP (F)	1-1/2" BSP (M)	Black

- Long tail and thick polyethylene walls.
- Glass reinforced nylon composite - High strength, stiffness and light weight.
- Immune to corrosion and electrolysis for long service life.
- Chemical resistant - Impervious to diesel, petrol and antifouling paints.
- UV resistant, suitable for all marine environments.
- Large operating temperature range from -40°C to +110°C.



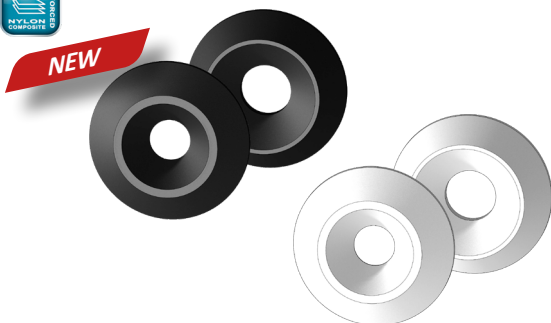
Thru-Bulkhead Fittings - TruDesign®



Part No.	Description	Colour	Thread Size (in)	Length (mm)
NEW ENTRY 450246	Thru-Bulkhead Fittings	Black	1" BSP (M)	140
NEW ENTRY 450247	Thru-Bulkhead Fittings	Black	1-1/2" BSP (M)	140
450248	Bulkhead Flange	White	2"	-

- The Threaded Tubes provide a simple and tidy solution for passing plumbing through the bulkhead of your boat.
- Manufactured from glass-reinforced nylon composite - High strength and light weight
- Immune to corrosion and electrolysis - Long life with no concerns over decreased performance due to corrosion
- Chemical resistant - Unaffected by diesel, petrol, or chemicals
- UV resistant - Will not degrade or discolour with ultraviolet light from the sun
- High quality surface finish - Will not discolour with green film as similar bronze fittings do
- BSP (Parallel) threads - Universal compatibility to TruDesign threaded fittings, and other marine components
- Large operating temperature range - Suitable for all marine environments, from -40°C to +110°C.

Countersunk Washers - TruDesign®



Part No.	Description	Size	Colour	Pack Qty
NEW ENTRY 450190	Countersunk Washer	6mm	Black	20
NEW ENTRY 450191	Countersunk Washer	6mm	White	20
NEW ENTRY 450192	Countersunk Washer	3/16"	Black	20
NEW ENTRY 450193	Countersunk Washer	3/16"	White	20

- Ideal for keeping stainless steel bolt heads away from painted alloy surfaces.
- Glass reinforced nylon composite - High strength, stiffness and light weight.
- Immune to corrosion and electrolysis for long service life.
- Chemical resistant - Impervious to diesel, petrol and antifouling paints.
- UV resistant, suitable for all marine environments.
- Large operating temperature range from -40°C to +110°C.



PowerSpray Nozzle - TruDesign®

Part No.	Description	Colour
23770	PowerSpray Nozzle	Black

NEW ENTRY

- Adjustable spray pattern - Versatile usage for wash down or filling applications supplier complete with 3/4" BSP garden hose connector.
- Super tough Nylon 6 Body - High strength and light weight.
- Immune to corrosion and electrolysis - No decreased performance due to corrosion.
- Chemical resistant - Impervious to diesel, petrol and antifouling paints.
- UV resistant - Will not break down with ultraviolet light or discolour from the sun.
- 3/4" BSP Thread - Easy connection to other fittings.
- Auto shutoff - Won't continue to use water if dropped.

NOTE: See hose coil kit with nozzle part no **23742**.



Hose Adapter - Snap-on - TruDesign®

Part No.	Description	Thread Size (in)	Colour
45329	BSP Adapter Snap-on	3/4" BSP (M)	Black
45335	NPT Adapter Snap-on	3/4" NPT (M)	Grey

NEW ENTRY

- 50mm in length with a 9mm bore.
- Can also be used as a engine flush for larger outboards.
- Glass reinforced nylon composite - High strength, stiffness and light weight.
- Immune to corrosion and electrolysis for long service life.
- Chemical resistant - Impervious to diesel, petrol and antifouling paints.
- UV resistant, suitable for all marine environments.
- Large operating temperature range from -40°C to +110°C.
- **45335** suits **232140** / **232142** mains pressure reducer and **23952** deckwash nozzle.



Saddle Clips & Saddle Base - TruDesign®

Part No.	Description	Pack Size	Colour
35941	Saddle Clip 13mm	5 Pack	Black
35942	Saddle Clip 20mm	5 Pack	Black
35943	Saddle Clip 28mm	5 Pack	Black
35945	Saddle Clip 38mm	5 Pack	Black
35940	Saddle Base	10 Pack	Black

NEW ENTRY

NEW ENTRY

NEW ENTRY

NEW ENTRY

NEW ENTRY

- Multi-purpose Base - Can be used on its own to tie down cables & wires or have a Saddle Clip attached for supporting hoses.
- Dual mounting options for Base - Adhesive or screws (or both) - No additional fasteners required. Ability to replace Saddle Clip with another size without disturbing Base.
- Dovetail grooves on underside of Base - Provides undercuts with increased overall surface area for better adhesive performance. No need for fasteners.
- Durable, flexible Saddle Clip arm - Accepts hoses of varying outside diameters.
- Base manufactured from UV stabilised, composite glass reinforced Nylon 6 (PA6). Saddle Clips manufactured from UV stabilised Acetal copolymer (POM).
- High strength, tough and light weight. Can be used in direct sunlight. Will not rust or corrode. Saddle Clip arms are strong yet flexible and won't 'creep' over time under load.



35941



35942



35943



35945



35940



NEW



Aquavalue - Electronic - TruDesign®



27801/A0

Caution: Not to be used for diverting fuels.

Part No.	Description	Volts (V)
45299	Aquavalue Electric Valve with Control Panel	12-24
45300	Aquavalue Electric Valve with Control Panel	12
45301	Aquavalue Electric Valve with Control Panel	24

- The Electronic Aquavalue allows the diverting valve to be operated with the push of a button on the control panel. The indicators on the control panel show the current position of the valve. The valve has two positions 'holding tank' or 'overboard'.
- Clear indication on control panel as to current valve position.
- Versatility of installation with a vast range of hose and bend adaptors.
- Compatible with Manual Aquavalue adaptors.
- Stainless steel fastenings.
- Each valve seal tested to check no 'O'ring leakage.
- The valve has been tested to 300 PSI.
- Glass reinforced nylon composite - High strength, stiffness and light weight.
- Immune to corrosion and electrolysis for long service life.
- Chemical resistant - Impervious to diesel, petrol and antifouling paints.
- UV resistant, suitable for all marine environments.
- Certified to ABYC H27, Burea Veritas 27801/A0 and CE standards.

NOTE: See Aquavalves Accessories for Tail and Threaded options.

Aquavalue - Diverting Valve - TruDesign®



27801/A0



Caution: Not to be used for diverting fuels.

Part No.	Description	Thread Size (in)	Colour
45350	Aquavalue 3 Way Diverting Valve - No tails	1-1/2" BSP (F)	White
45351	Replacement Seal Kit suits 45350		
45346	Replacement Facia suits 45350		

- The TruDesign Aquavalue has been designed to handle hot or cold water and waste treatment chemicals.
- The Valve is produced in FDA approved materials to handle drinking water but is also ideal as a diverting valve for waste water on sewerage holding or treatment systems.
- Pressure tested to 300 PSI, each valve seal tested with full service and parts backup.
- Stainless steel fasteners.
- Handle position lockable.
- Glass reinforced nylon composite - High strength, stiffness and light weight.
- Immune to corrosion and electrolysis for long service life.
- Chemical resistant - Impervious to diesel, petrol and antifouling paints.
- UV resistant, suitable for all marine environments.
- Certified to ABYC H27 and Burea Veritas 27801/A0 standards.

NOTE: See Aquavalves Accessories for Tail and Threaded options.

Flange - Fresh & Salt Water Recessed Kit



Part No.	Description	Colour	Facia Size (mm)		Spacer Size (mm)		Max Mounting Thickness (mm)
			Ø	Thickness	Ø	Thickness	
45348	Fresh & Salt Water Recessed Flange Kit	White	140	6.5	8.4	6.5	10

- Recessed flange kit suits all Aquavalves.
- Easily identifiable freshwater "F" and saltwater "S" engraved markings.
- High quality marine board.
- Maximum material mounting thickness is 10mm.
- Kit includes flange, spacer and handle.

**NOTE: Aquavalue sold separately*





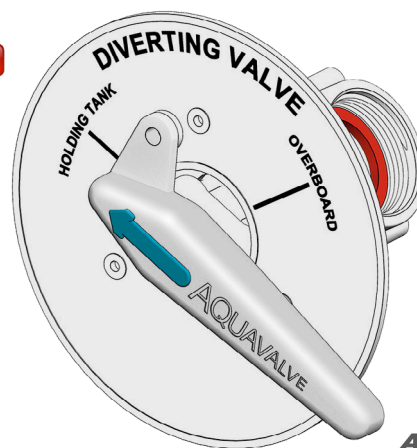
Aquavalue - Bulkhead - TruDesign®

Part No.	Description	Bulkhead Ø (mm)	Colour
45303	Aquavalue 3 Way Manual Bulkhead	49	White

NEW LISTEN

- Stainless steel fasteners - Will not corrode in salt laden air.
- Easy installation - With a range of straight, 90° and 120° tails, and two seal options, plumbing in confined spaces is made easy.
- Handle position lockable.
- All valves are pressure tested to ensure quality and safety in respect to sealing and operation.
- The Aquavalue® is the only valve on the market today with smooth movement and an excellent seal with good wear resistance.
- Avoids using pipe wrenches that gouge the fitting.
- Facilitates access in tight places.
- Fascia plate on standard model can be removed to reveal simple "open - open - inlet" labeling - Where product is not used for marine toilets, all toilet references are removed.
- Glass reinforced nylon composite - High strength, stiffness and light weight.
- Large operating temperature range from -40°C to +110°C.
- Certified to ABYC H27 and Burea Veritas 27801/A0 standards.

NOTE: See Aquavalves Accessories for Tail and Threaded options.



ABYC



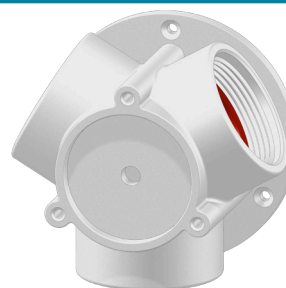
27801/A0

Caution: Not to be used for diverting fuels.

Aquavalue - Connector 3 Ways - TruDesign®

Part No.	Description	Colour
45354	Aquavalue 3 Way Connector - No tails	White

- An assortment of tails can be fitted to the Aquavalue 3 Way Connector making it extremely versatile.
- Glass reinforced nylon composite - High strength, stiffness and light weight.
- Immune to corrosion and electrolysis for long service life.
- UV resistant, suitable for all marine environments.



Caution: Not to be used for diverting fuels.

Aquavalue - Threaded Nipple - TruDesign®

Part No.	Thread Size (in)	Colour	Type
45331	1-1/2" BSP (M)	Black	Straight
45333	1-1/2" BSP (M)	White	Straight

- Used to connect the Aquavalue or 3 Way Connector to rigid PVC plumbing.
- Interfaces with a PVC fitting designed for connection to steel piping.
- Glass reinforced nylon composite - High strength, stiffness and light weight.
- Immune to corrosion and electrolysis for long service life.
- Chemical resistant - Impervious to diesel, petrol and antifouling paints.
- UV resistant, suitable for all marine environments.



Aquavalue Hose Tails - Angled - TruDesign®

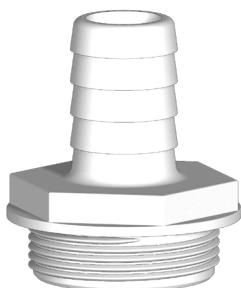
Part No.	Thread Size (in)	Hose Tail Ø (mm)	Colour	Angled
45341	1-1/2" BSP (M)	25	White	90° Bend
45343	1-1/2" BSP (M)	25	White	120° Bend
45336	1-1/2" BSP (M)	38	White	90° Bend
45338	1-1/2" BSP (M)	38	White	120° Bend

- Angled Tails suited to the most common sizes of tubing used in marine plumbing.
- Tails come packaged with a Blue Seal to allow fitting to be rotated to a more suitable position if required.
- Glass reinforced nylon composite - High strength, stiffness and light weight.
- Immune to corrosion and electrolysis for long service life.
- Chemical resistant - Impervious to diesel, petrol and antifouling paints.
- UV resistant, suitable for all marine environments.

NOTE: Includes Blue Seal.



Aquavale Hose Tails - Straight - TruDesign®



Part No.	Thread Size (in)	Hose Tail Ø (mm)	Colour	Type	Pack Qty
450120	1-½" BSP (M)	19	White	Straight	1
450122	1-½" BSP (M)	25	White	Straight	1
45330	1-½" BSP (M)	25	White	Straight	3
450124	1-½" BSP (M)	32	White	Straight	1
450126	1-½" BSP (M)	38	White	Straight	1
45332	1-½" BSP (M)	38	White	Straight	3

- Straight Tails suited to standard sizes of tubing.
- Glass reinforced nylon composite - High strength, stiffness and light weight.
- Immune to corrosion and electrolysis for long service life.
- Chemical resistant - Impervious to diesel, petrol and antifouling paints.
- UV resistant, suitable for all marine environments.

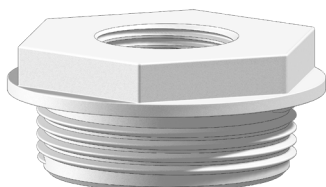
Aquavale Plug - TruDesign®



Part No.	Description	Suits Size (in)	Colour
453245	Aquavale Plug	1-½" BSP (M)	Black

- The plug can be used to block one port when parts of the system are not yet installed, or maintenance is being completed and the system still needs to be used.
- Glass reinforced nylon composite - High strength, stiffness and light weight.
- Immune to corrosion and electrolysis for long service life.
- Chemical resistant - Impervious to diesel, petrol and antifouling paints.
- UV resistant, suitable for all marine environments.

Threaded Vent Plug - Vented - TruDesign



Part No.	Thread Size (in)	Thread Size (in)	Colour
453270	¾" BSP (F)	1-½" BSP (M)	White

- Threaded Vent Plug ideal for holding tank.
- Glass reinforced nylon composite - High strength, stiffness and light weight.
- Immune to corrosion and electrolysis for long service life.
- Chemical resistant - Impervious to diesel, petrol and antifouling paints.
- UV resistant, suitable for all marine environments.
- Large operating temperature range from -40°C to +110°C.

Aquavale Spanners - TruDesign®



Part No.	Description
45334	Aquavale Spanner

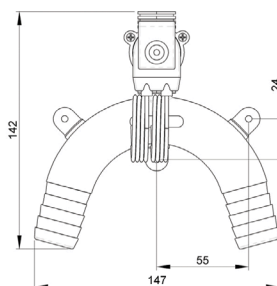
- Spanner for tightening TruDesign® Aquavale.
- Glass reinforced nylon composite - High strength, stiffness and light weight.
- Immune to corrosion and electrolysis for long service life.
- Chemical resistant - Impervious to diesel, petrol and antifouling paints.
- UV resistant, suitable for all marine environments.



Vented Loops - Electric Solenoids - TruDesign®

Part No.	Description	Volts (VDC)	Hose Tail Ø (mm)
45323	Vented Loop with Solenoid Valve	12	25
45327	Solenoid Valve 12VDC suits Vented Loops		

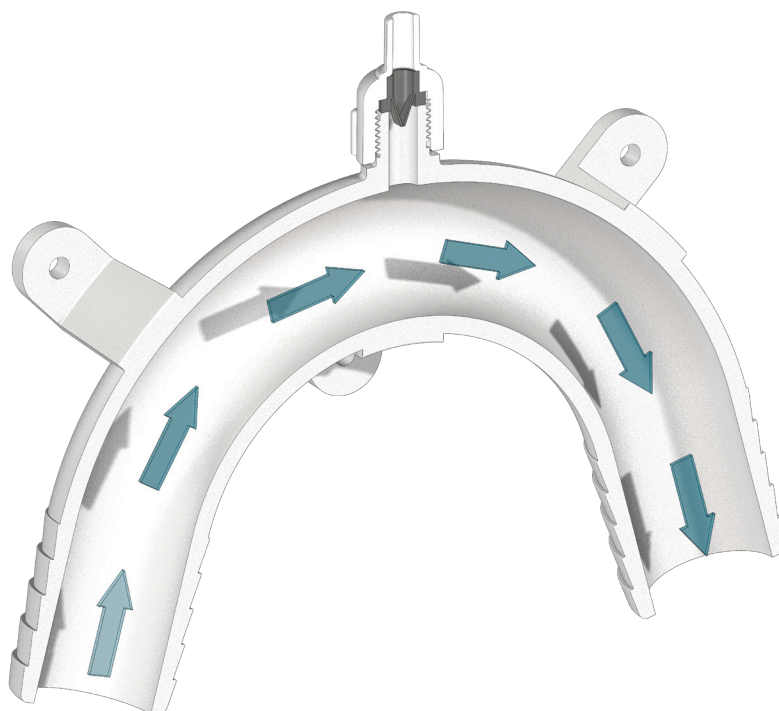
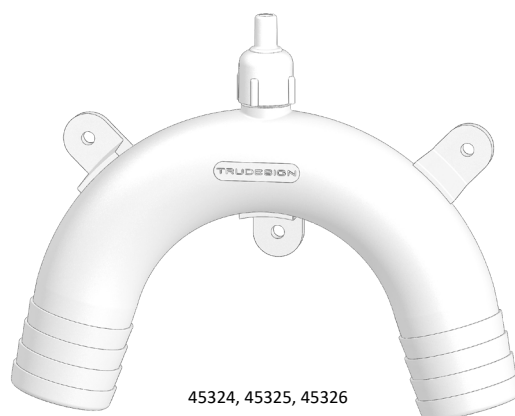
- Robust polymer covered solenoid for long life in the marine environment.
- Diaphragm valve provides faster breaking of siphon due to larger flow rate available.
- Female threaded Solenoid Valve - No brass/bronze adapter to corrode.
- 3 screw mounting points give secure and easy installation.
- Glass reinforced nylon composite - High strength, stiffness and light weight.
- Immune to corrosion and electrolysis for long service life.
- Chemical resistant - Impervious to diesel, petrol and antifouling paints.
- UV resistant, suitable for all marine environments.



Vented Loops - TruDesign®

Part No.	Description	Hose Tail Ø (mm)
45324	Nylon Vented Loop	19
45325	Nylon Vented Loop	25
45326	Nylon Vented Loop	38
45328	Replacement Cap and Valve	

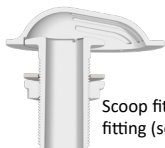
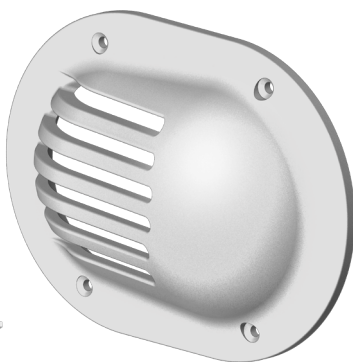
- Glass reinforced nylon composite for high strength and light weight.
- Silicone duck bill valve - Long life with no perishing or hardening.
- 3 screw mounting points give secure and easy installation.
- Glass reinforced nylon composite - High strength, stiffness and light weight.
- Immune to corrosion and electrolysis for long service life.
- Chemical resistant - Impervious to diesel, petrol and antifouling paints.
- UV resistant, suitable for all marine environments.



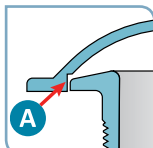
NEW ENTRY

Scoops, Strainers & Aqualarm

Scoop / Strainers - Oval - TruDesign®



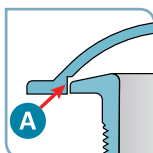
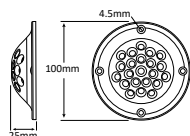
Scoop fits neatly over the skin fitting (sold separate).



Part No.	Shape	Outside (mm)	Inside (mm)	Depth (mm)	A (mm)	Fits Skin Fittings (in)	Screw Gauge
29296	Oval	95 x 65	73 x 40	21	3	½" or ¾"	8G c/s
29298	Oval	130 x 96	100 x 65	31	4	1" or 1-¼"	8G c/s
29299	Oval	177 x 130	138 x 90	42	5	1-½" or 2"	8G c/s

- Compatible with all hull types - Can be used on aluminum, steel, wood or FRP hulls.
- Strong construction - Strainer can take bumps and knocks without damage.
- Glass reinforced nylon composite - High strength, stiffness and light weight.
- Immune to corrosion and electrolysis for long service life.
- Chemical resistant - Impervious to diesel, petrol and antifouling paints.
- UV resistant, suitable for all marine environments.

Scoop / Strainers - Round - TruDesign®



Part No.	Shape	Diameter Ø (mm)	Inside Ø (mm)	Depth (mm)	A (mm)	Fits Skin Fittings (in)	Screw Gauge
29297	Round	100	66.5	25	5.5	1-¼" or Smaller	8G c/s

- Ideal for small gen-sets and water makers.
- Ideally suited to fit 1-¼" skin fittings or smaller.
- Glass reinforced nylon composite - High strength, stiffness and light weight.
- Immune to corrosion and electrolysis for long service life.
- Chemical resistant - Impervious to diesel, petrol and antifouling paints.
- UV resistant, suitable for all marine environments.

Strainers - Hose Inlet - TruDesign®



NEW



Part No.	Description	Size		Colour
		(in)	(mm)	
NEW ENTRY 450210	Strainer Hose Inlet	1-¼"	32	Black
NEW ENTRY 450211	Strainer Hose Inlet	1-½"	38	Black
NEW ENTRY 450212	Strainer Hose Inlet	2"	50	Black
NEW ENTRY 450213	Strainer Hose Inlet	3"	75	Black

- These strainers have been designed to attach to the suction end of a hose when sucking water from a stream, lake, water race etc.
- The grille stops small particles from blocking the pump system.
- Designed so there is no restriction in water flow.
- Glass reinforced nylon composite - High strength, stiffness and light weight.
- Immune to corrosion and electrolysis for long service life.
- Chemical resistant - Impervious to diesel, petrol and antifouling paints.
- UV resistant, suitable for all marine environments.

Stainer Intake - Thru Hull - TruDesign®



Part No.	Description	Size		Colour
		(in)	(mm)	
NEW ENTRY 29282	Intake Stainer - Thru Hull	3"	75	Black

- The Intake Stainer has an integrated hi-flow scoop designed with no restriction and flared channels to maximise flow efficiency yet prevent large debris entry.
- There are large undercuts on the base to assist with sealing against hull surface.
- The grille stops small particles from blocking the pump system.
- Designed so there is no restriction in water flow.
- Glass reinforced nylon composite - High strength, stiffness and light weight.
- Immune to corrosion and electrolysis for long service life.
- Chemical resistant - Impervious to diesel, petrol and antifouling paints.
- UV resistant, suitable for all marine environments.

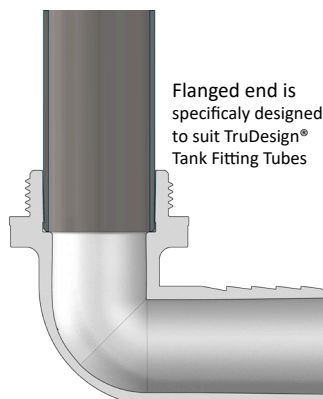


Tank Fitting Tube - TruDesign®

Part No.	Description	Length (mm)	
450228	Tank Fitting Tube	205	NEW ENTRY
450229	Tank Fitting Tube	490	NEW ENTRY

- Used as an overflow check valve or tank pickup.
- Angled end can be cut to suit to suit different sized holding tanks.
- Flanged end is retained in tank fitting without use of adhesive.

Caution: DO NOT cut flange end.



450229



NEW

450228

Flanged End

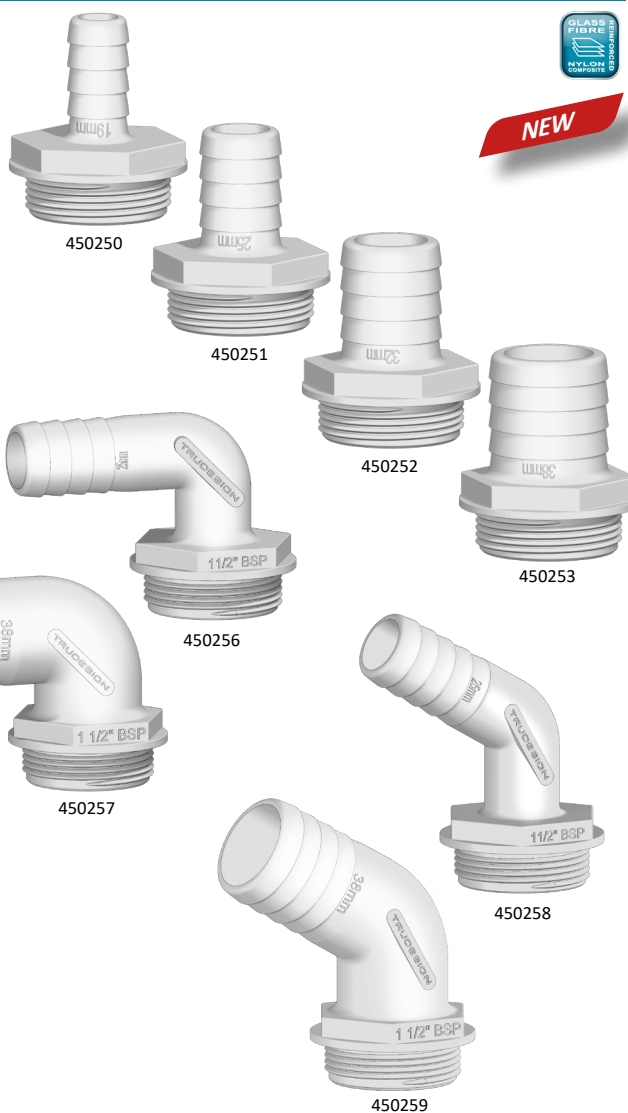
Tank Fittings - TruDesign®

Part No.	Thread Size (in)	Hose Tail Ø (mm)	Colour	Type	
450250	1-½" BSP (M)	19	White	Straight	NEW ENTRY
450251	1-½" BSP (M)	25	White	Straight	NEW ENTRY
450252	1-½" BSP (M)	32	White	Straight	NEW ENTRY
450253	1-½" BSP (M)	38	White	Straight	NEW ENTRY
450256	1-½" BSP (M)	25	White	90°	NEW ENTRY
450257	1-½" BSP (M)	38	White	90°	NEW ENTRY
450258	1-½" BSP (M)	25	White	120°	NEW ENTRY
450259	1-½" BSP (M)	38	White	120°	NEW ENTRY
29600F	Alloy Weld-in Flange Suits Tank Fittings - Aluminium				

- Specifically designed to suit Tank Fitting Tubes (**450228** and **450229**).
- Glass reinforced nylon composite - High strength, stiffness and light weight.
- Immune to corrosion and electrolysis for long service life.
- Chemical resistant - Impervious to diesel, petrol and antifouling paints.
- UV resistant, suitable for all marine environments.



29600F



NEW

450250

450251

450252

450253

450256

450257

450258

450259

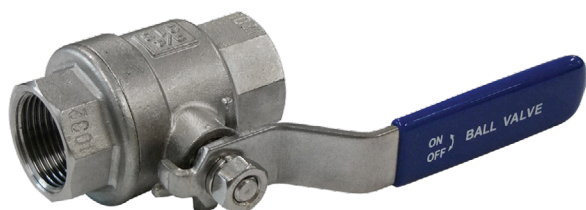
Ball Valves - Chrome Plated



Part No.	Description
45129	¼" BSP Brass Ball Valve
45142	¾" BSP Brass Ball Valve
45143	½" BSP Brass Ball Valve
45144	¾" BSP Brass Ball Valve
45145	1" BSP Brass Ball Valve
45146	1-¼" BSP Brass Ball Valve
45147	1-½" BSP Brass Ball Valve
45148	2" BSP Brass Ball Valve

- Chrome plated brass ball valve ideal for all fuel line installations.
- Corrosion resistant handle.
- Parallel thread.

Ball Valves - Stainless Steel



Part No.	Description
45543	¼" BSP Stainless Steel Ball Valve
45544	¾" BSP Stainless Steel Ball Valve
45545	½" BSP Stainless Steel Ball Valve
45546	¾" BSP Stainless Steel Ball Valve
45547	1" BSP Stainless Steel Ball Valve
45548	1-¼" BSP Stainless Steel Ball Valve
45549	1-½" BSP Stainless Steel Ball Valve
45550	2" BSP Stainless Steel Ball Valve
45551	2-½" BSP Stainless Steel Ball Valve
45552	3" BSP Stainless Steel Ball Valve

- High quality noncorrosive 316 grade stainless steel ball valves.
- Full bore parallel BSP (F) threaded ports.

Ball Valves - Bronze



Part No.	Description
45160	½" BSP Bronze Ball Valve
45161	¾" BSP Bronze Ball Valve
45162	1" BSP Bronze Ball Valve
45163	1-¼" BSP Bronze Ball Valve
45164	1-½" BSP Bronze Ball Valve
45165	2" BSP Bronze Ball Valve

- High quality noncorrosive ball valve with a stainless steel nut and handle.
- Full bore parallel BSP (F) threaded ports.

Ball Valves - PVC



Part No.	Description
45180	½" BSP Compact PVC Ball Valve
45181	¾" BSP Compact PVC Ball Valve
45182	1" BSP Compact PVC Ball Valve
45183	1¼" BSP Compact PVC Ball Valve
45184	1½" BSP Compact PVC Ball Valve
45185	2" BSP Compact PVC Ball Valve

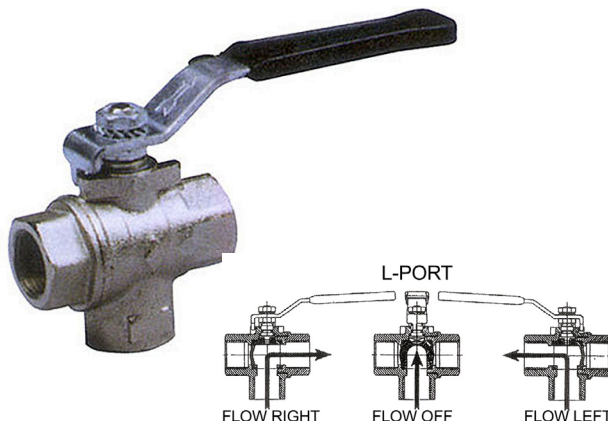
- Compact style noncorrosive PVC ball valve with large handle.
- Full bore parallel BSP (F) threaded ports.



Ball Valves - 'L' Port - Chrome Plated Brass

Part No.	Description
45130	3/8" BSP 3 Way L/Port Valve
45131	1/2" BSP 3 Way L/Port Valve
45132	3/4" BSP 3 Way L/Port Valve
45133	1" BSP 3 Way L/Port Valve
45134	1-1/4" BSP 3 Way L/Port Valve
45135	1-1/2" BSP 3 Way L/Port Valve

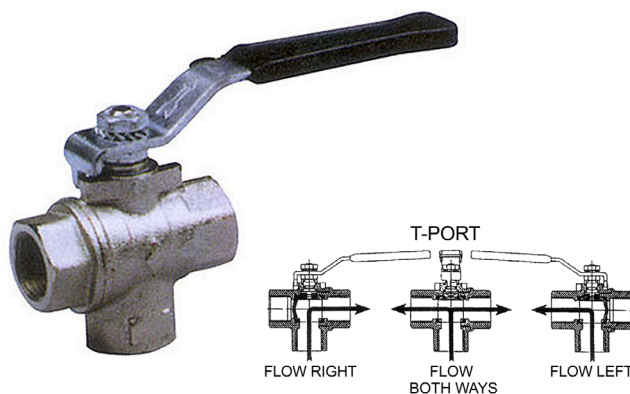
- Three Way Chrome Plated Brass Ball Valves.
- Provides two different flow directions and is perfect for control of a separate fuel tank.
- Nickel plated handle.
- Parallel Thread.



Ball Valves - 'T' Port - Chrome Plated Brass

Part No.	Description
45136	3/8" BSP 3 Way T/Port Valve
45137	1/2" BSP 3 Way T/Port Valve
45138	3/4" BSP 3 Way T/Port Valve
45139	1" BSP 3 Way T/Port Valve
45140	1-1/4" BSP 3 Way T/Port Valve

- Three Way Chrome Plated Brass Ball Valve.
- Provides two different flow directions and is perfect for control of a separate fuel tank.
- Nickel plated handle.
- Parallel Thread.



Gate Valves - Bronze

Part No.	Description
45120	1/2" BSP Bronze Gate Valve
45121	3/4" BSP Bronze Gate Valve
45122	1" BSP Bronze Gate Valve
45123	1-1/4" BSP Bronze Gate Valve
45124	1-1/2" BSP Bronze Gate Valve
45125	2" BSP Bronze Gate Valve
45126	2-1/2" BSP Bronze Gate Valve

- Marine grade bronze gate valves with full bore ports.
- Parallel Thread.



Gate Valves - Brass

Part No.	Description
45414	1/2" BSP Thread Cast Brass Gate Valve
45416	3/4" BSP Thread Cast Brass Gate Valve
45418	1" BSP Thread Cast Brass Gate Valve
45419	1-1/4" BSP Thread Cast Brass Gate Valve
45420	1-1/2" BSP Thread Cast Brass Gate Valve
45421	2" BSP Thread Cast Brass Gate Valve

- Brass body with full bore ports.
- Parallel Thread.



Shut Off Y Valve



Part No.	Description	Suits Hose (in)
45190	2 Way Shut Off 'Y' Valve	½"
45191	2 Way Shut Off 'Y' Valve	¾"

Ball Valve - PVC - Small



Part No.	Description	Suits Hose (in)
45193	Small ON/OFF Tap	½"
45194	Small ON/OFF Tap	¾"
45195	Small ON/OFF Tap	1"

- Compact style noncorrosive PVC ball valve with large handle.
- 2 x Barbed tails.

Hose Tails - Male - Stainless Steel



Part No.	Description	Hose Thread (in)	Hose Tail Ø (mm)
45628	Hose Tail BSP (M) - SS	⅜" BSP (M)	10
45629	Hose Tail BSP (M) - SS	½" BSP (M)	15
45630	Hose Tail BSP (M) - SS	¾" BSP (M)	20
45631	Hose Tail BSP (M) - SS	1" BSP (M)	25
45632	Hose Tail BSP (M) - SS	1-¼" BSP (M)	32
45633	Hose Tail BSP (M) - SS	1-½" BSP (M)	40
45634	Hose Tail BSP (M) - SS	2" BSP (M)	50
45635	Hose Tail BSP (M) - SS	2-½" BSP (M)	62

- 316G Stainless Steel

Hose Tails - Female - Stainless Steel



Part No.	Description	Hose Thread (in)	Hose Tail Ø (mm)
45638	Hose Tail BSP (F) - SS	½" BSP (F)	15
45639	Hose Tail BSP (F) - SS	¾" BSP (F)	20
45640	Hose Tail BSP (F) - SS	1" BSP (F)	25
45641	Hose Tail BSP (F) - SS	1-¼" BSP (F)	32
45642	Hose Tail BSP (F) - SS	1-½" BSP (F)	40
45643	Hose Tail BSP (F) - SS	2" BSP (F)	50

- 316G Stainless Steel

90° Elbow - Female - Male - Stainless Steel



Part No.	Description	Hose Thread M&F (in)	Part No.	Description	Hose Thread M&F (in)
45650	90° Elbow	⅜" BSP	45655	90° Elbow	1-½" BSP
45651	90° Elbow	½" BSP	45656	90° Elbow	2" BSP
45652	90° Elbow	¾" BSP	• 316 stainless steel.		
45653	90° Elbow	1" BSP			
45654	90° Elbow	1-¼" BSP			

Nipples - Brass

Part No.	Description	Part No.	Description
29201	½" BSP Brass Nipple Male	45310	½" BSP Hex Socket Female
45311	¾" BSP Brass Nipple Male	45312	¾" BSP Hex Socket Female
29203	¾" BSP Brass Nipple Male	45314	1" BSP Hex Socket Female
29204	1" BSP Brass Nipple Male		
29205	1-¼" BSP Brass Nipple Male		
29206	1-½" BSP Brass Nipple Male		

NEW ENTRY

- Brass.
- BSP (F) to BSP (F).



Male



Female

- Brass.
- BSP (M) to BSP (M).

Tail - Brass

Part No.	Description	Thread (in)	Hose Tail Ø (in)
51017	Tail BSP (F) - Brass	¾" BSP	½"



Garden Hose Fittings - Brass

Part No.	Description	Thread (in)
45337	Garden Hose Fitting - Brass	¾" BSP (M)
45339	Garden Hose Fitting - Brass	¾" BSP (F)



45337



45339

Hose Tails - Bronze

Part No.	Description	Thread (in)	Hose Tail Ø (in)
29192	Hose Tail BSP (M) - Bronze	½" BSP (M)	½"
29194	Hose Tail BSP (M) - Bronze	¾" BSP (M)	¾"
29196	Hose Tail BSP (M) - Bronze	1" BSP (M)	1"
29198	Hose Tail BSP (M) - Bronze	1-¼" BSP (M)	1-¼"
29200	Hose Tail BSP (M) - Bronze	1-½" BSP (M)	1-½"
29202	Hose Tail BSP (M) - Bronze	2" BSP (M)	2"
29207	Hose Tail BSP (M) - Bronze	2-½" BSP (M)	2-½"

NEW ENTRY



Hose Tails - 90° - Bronze

Part No.	Description	Thread (in)	Hose Tail Ø (in)	Reducers
29504	90° Elbow BSP (M) - Bronze	¾" BSP (M)	¾"	Equal
29505	90° Elbow BSP (M) - Bronze	¾" BSP (M)	1"	Unequal
29506	90° Elbow BSP (M) - Bronze	1" BSP (M)	1"	Equal
29508	90° Elbow BSP (M) - Bronze	1-¼" BSP (M)	1-¼"	Equal
29509	90° Elbow BSP (M) - Bronze	1-¼" BSP (M)	1-½"	Unequal
29510	90° Elbow BSP (M) - Bronze	1-½" BSP (M)	1-½"	Equal
29512	90° Elbow BSP (M) - Bronze	2" BSP (M)	2"	Equal



Hose Tails - Reducer - Bronze

Part No.	Description	Thread (in)	Hose Tail Ø (in)
29193	Hose Tail Reducer - Bronze	½" BSP (M)	¾"
29195	Hose Tail Reducer - Bronze	¾" BSP (M)	1"



Hose Tails - Male



Part No.	Hose Thread (in)	Hose Tail Ø (mm)
45361	½" BSP (M)	15
45362	¾" BSP (M)	20
45363	1" BSP (M)	25
45364	1-¼" BSP (M)	32
45365	1-½" BSP (M)	40
45389	2" BSP (M)	50

- UV and chemical resistance.
- Long tail and thick polyethylene walls.
- Operating temperature - 0 °C to 120 °C.

Hose Tail - Male - 90°



Part No.	Hose Thread (in)	Hose Tail Ø (mm)
45366	½" BSP (M)	15
45367	¾" BSP (M)	20
45368	1" BSP (M)	25
45369	1-¼" BSP (M)	32
45370	1-½" BSP (M)	40
45390	2" BSP (M)	50

- UV and chemical resistance.
- Long tail and thick polyethylene walls.
- Operating temperature - 0 °C to 120 °C.

Hose Joiner



Part No.	Description
45371	15mm Straight Joiner
45372	20mm Straight Joiner
45373	25mm Straight Joiner
45374	32mm Straight Joiner
45375	40mm Straight Joiner
45400	50mm Straight Joiner

- UV and chemical resistance.
- Long tail and thick polyethylene walls.
- Operating temperature - 0 °C to 120 °C.



Hose Joiner - 90°

Part No.	Description
45376	15mm Elbow Joiner
45377	20mm Elbow Joiner
45378	25mm Elbow Joiner
45379	32mm Elbow Joiner
45380	40mm Elbow Joiner
45401	50mm Elbow Joiner

- UV and chemical resistance.
- Long tail and thick polyethylene walls.
- Operating temperature - 0 °C to 120 °C.



Hose Tail - T-Joiner

Part No.	Description
45381	15mm T Joiner
45382	20mm T Joiner
45383	25mm T Joiner
45384	32mm T Joiner
45385	40mm T Joiner
45403	50mm T Joiner

- UV and chemical resistance.
- Long tail and thick polyethylene walls.
- Operating temperature - 0 °C to 120 °C.



Hose Tail - Male - T-Joiner

Part No.	Hose Thread (in)	Hose Tail Ø (mm)
45388	½" BSP (M)	15
45386	¾" BSP (M)	20
45387	1" BSP (M)	25
45405	1-¼" BSP (M)	32
45404	1-½" BSP (M)	40
45409	2" BSP (M)	50

- UV and chemical resistance.
- Long tail and thick polyethylene walls.
- Operating temperature - 0 °C to 120 °C.



Hose Tail - 90° Reducer

Part No.	Hose Thread (in)	Hose Tail Ø (mm)	Part No.	Hose Thread (in)	Hose Tail Ø (mm)
45800	½" BSP (M)	20	45812	1-¼" BSP (M)	25
45801	½" BSP (M)	25	45813	1-¼" BSP (M)	40
45802	¾" BSP (M)	15	45815	1-½" BSP (M)	20
45803	¾" BSP (M)	25	45816	1-½" BSP (M)	25
45804	¾" BSP (M)	32	45817	1-½" BSP (M)	32
45805	1" BSP (M)	15			
45806	1" BSP (M)	20			
45807	1" BSP (M)	32			
45808	1" BSP (M)	40			
45810	1-¼" BSP (M)	15			
45811	1-¼" BSP (M)	20			

- UV and chemical resistance.
- Long tail and thick polyethylene walls.
- Operating temperature - 0 °C to 120 °C.



Hose Tails - Reducer



Part No.	Hose Thread (in)	Hose Tail Ø (mm)
45600	½" BSP (M)	20
45601	½" BSP (M)	25
45602	½" BSP (M)	32
45603	¾" BSP (M)	15
45604	¾" BSP (M)	25
45605	¾" BSP (M)	32
45607	1" BSP (M)	15
45608	1" BSP (M)	20
45609	1" BSP (M)	32
45610	1" BSP (M)	40
45613	1-¼" BSP (M)	20
45614	1-¼" BSP (M)	25
45615	1-¼" BSP (M)	40
45616	1-¼" BSP (M)	50
45618	1-½" BSP (M)	20
45619	1-½" BSP (M)	25
45620	1-½" BSP (M)	32
45621	1-½" BSP (M)	50

- UV and chemical resistance.
- Long tail and thick polyethylene walls.
- Operating temperature - 0 °C to 120 °C.

Hose Tail - Small



Part No.	Hose Thread (in)	Hose Tail Ø (mm)
45599	½" BSP (M)	16

- UV and chemical resistance.
- Long tail and thick polyethylene walls.
- Operating temperature - 0 °C to 120 °C.

Hose Tail - Bulkhead - Straight



Part No.	Description	Cut Out Ø (mm)	Hose Tail Ø (mm)
45488	Double End Hose Joiner	25.3	20
45489	Double End Hose Joiner	32	25 / 28

Hose Tails - Female - Reducer

Part No.	Hose Thread (in)	Hose Tail Ø (mm)
45701	½" BSP (F)	20
45702	½" BSP (F)	25
45703	¾" BSP (F)	15
45705	¾" BSP (F)	25
45706	¾" BSP (F)	32
45707	¾" BSP (F)	40
45708	1" BSP (F)	15
45709	1" BSP (F)	20
45711	1" BSP (F)	32
45712	1" BSP (F)	40
45713	1-¼" BSP (F)	20
45714	1-¼" BSP (F)	25
45716	1-¼" BSP (F)	40
45718	1-½" BSP (F)	20
45719	1-½" BSP (F)	25
45720	1-½" BSP (F)	32

- UV and chemical resistance.
- Long tail and thick polyethylene walls.
- Operating temperature - 0 °C to 120 °C.



Hose Tails - Female

Part No.	Hose Thread (in)	Hose Tail Ø (mm)
45700	½" BSP (F)	15
45704	¾" BSP (F)	20
45710	1" BSP (F)	25
45715	1-¼" BSP (F)	32
45721	1-½" BSP (F)	40

- UV and chemical resistance.
- Long tail and thick polyethylene walls.
- Operating temperature - 0 °C to 120 °C.



Hose Joiner - Reducer

Part No.	Hose Tail Ø (in)	Hose Tail Ø (in)
45873	¾"	½"
45874	1"	½"
45875	1"	¾"
45876	1-¼"	½"
45877	1-¼"	¾"
45878	1-¼"	1"
45879	1-½"	½"
45880	1-½"	¾"
45881	1-½"	1"
45882	1-½"	1-¼"
45883	1-½"	2"

- UV and chemical resistance.
- Long tail and thick polyethylene walls.
- Operating temperature - 0 °C to 120 °C.



Hose Joiner - 90° - Reducers



Part No.	Hose Tail Ø (in)	Hose Tail Ø (in)
45750	¾"	½"
45751	1"	½"
45752	1"	¾"
45753	1-¼"	½"
45754	1-¼"	¾"
45755	1-¼"	1"
45756	1-½"	½"
45757	1-½"	¾"
45758	1-½"	1"
45759	1-½"	2"

Hose Tails - Female 90° - Reducer



45850 - 45872



45850 - 45872

Part No.	Hose Thread (in)	Hose Tail Ø (mm)
45850	½" BSP (F)	15
45851	½" BSP (F)	20
45852	½" BSP (F)	25
45853	¾" BSP (F)	15
45854	¾" BSP (F)	20
45855	¾" BSP (F)	25
45856	¾" BSP (F)	32
45857	1" BSP (F)	15
45858	1" BSP (F)	20
45859	1" BSP (F)	25
45860	1" BSP (F)	32
45861	1" BSP (F)	40
45863	1-¼" BSP (F)	15
45864	1-¼" BSP (F)	20
45865	1-¼" BSP (F)	25
45866	1-¼" BSP (F)	32
45867	1-¼" BSP (F)	40
45869	1-½" BSP (F)	20
45870	1-½" BSP (F)	25
45871	1-½" BSP (F)	32
45872	1-½" BSP (F)	40

- UV and chemical resistance.
- Long tail and thick polyethylene walls.
- Operating temperature - 0 °C to 120 °C.

Coupling - Male/Female



453130



453131 - 453135

Part No.	Description
453130	½" BSP (M) x ½" BSP (F)
453131	½" BSP (M) x ¾" BSP (F)
453133	¾" BSP (M) x 1" BSP (F)
453134	1" BSP (M) x ¾" BSP (F)
453135	¾" BSP (M) x 1-½" BSP (F)

- UV and chemical resistance.
- Long tail and thick polyethylene walls.
- Operating temperature - 0 °C to 120 °C.



Coupling - Female

Part No.	Description
453101	½" x ½" BSP (F) Straight
453102	¾" x ½" BSP (F) Reducer
453103	¾" x ¾" BSP (F) Straight
453104	1" x ¾" BSP (F) Reducer
453105	1" x 1" BSP (F) Straight
453106	1-¼" x 1" BSP (F) Reducer
453107	1-¼" x 1-¼" BSP (F) Straight
453108	1-½" x 1" BSP (F) Reducer
453109	1-½" x 1-¼" BSP (F) Reducer
453110	1-½" x 1-½" BSP (F) Straight
453111	2" x 1-½" BSP (F) Reducer



- UV and chemical resistance.
- Long tail and thick polyethylene walls.
- Operating temperature - 0 °C to 120 °C.

Nipples - Male

Part No.	Description
453121	½" x ½" BSP (M) Straight
453122	¾" x ½" BSP (M) Reducer
453123	¾" x ¾" BSP (M) Straight
453119	¾" x 1-¼" BSP (M) Reducer
453120	1" x ½" BSP (M) Reducer
453124	1" x ¾" BSP (M) Reducer
453125	1" x 1" BSP (M) Straight
453126	1-¼" x 1-¼" BSP (M) Straight
453127	1-½" x 1" BSP (M) Reducer
453128	1-½" x 1-½" BSP (M) Straight
453150	2" x 2" BSP (M) Straight



- UV and chemical resistance.
- Long tail and thick polyethylene walls.
- Operating temperature - 0 °C to 120 °C.

Elbow Joiners - 90° Female

Part No.	Description
453171	½" BSP (F) to (F)
453172	¾" BSP (F) to (F)
453173	1" BSP (F) to (F)
453174	1-¼" BSP (F) to (F)
453175	1-½" BSP (F) to (F)



- UV and chemical resistance.
- Long tail and thick polyethylene walls.
- Operating temperature - 0 °C to 120 °C.

Elbow Joiners - 90° Male - Female

Part No.	Description
453178	½" BSP (M) to (F)
453179	¾" BSP (M) to (F)
453180	1" BSP (M) to (F)



- UV and chemical resistance.
- Long tail and thick polyethylene walls.
- Operating temperature - 0 °C to 120 °C.

T Joiners - Female



Part No.	Description
453181	½" BSP (F) to (F)
453182	¾" BSP (F) to (F)
453183	1" BSP (F) to (F)
453184	1-¼" BSP (F) to (F)
453185	1-½" BSP (F) to (F)

- UV and chemical resistance.
- Long tail and thick polyethylene walls.
- Operating temperature - 0 °C to 120 °C.

Hose Tail - Male - 3 Inlet



Part No.	Description
45320	Nylon Thru-hull Manifold

- Unique design drains faster, while eliminating unsightly thru-hulls.
- Innovative design generates vortex action for faster drainage.
- Side barbs available from ⅝" to 1-⅝" in all combinations.
- Moulded in high-impact super-tough Nylon.
- Size: Base: 1-½" BSP (M).
Top: 1 x 1-½" barb and 2 x 1" barb.

Bushes - Male / Female



Part No.	Description
453157	1-¼" BSP (M) x ½" BSP (F)
453158	1-¾" BSP (M) x ¾" BSP (F)
453159	1-½" BSP (M) x 1" BSP (F)
453160	1" BSP (M) x ½" BSP (F)
453161	¾" BSP (M) x ½" BSP (F)
453162	1" BSP (M) x ¾" BSP (F)
453163	1-¼" BSP (M) x 1" BSP (F)
453164	1-½" BSP (M) x 1-¼" BSP (F)
453168	2" BSP (M) x 1-½" BSP (F)
453169	1-½" BSP (M) x ½" BSP (F)
453170	1-½" BSP (M) x ¾" BSP (F)

- UV and chemical resistance.
- Long tail and thick polyethylene walls.
- Operating temperature - 0 °C to 120 °C.



End Caps - Polyethylene

Part No.	Description
453141	½" BSP (M)
453142	¾" BSP (M)
453143	1" BSP (M)
453144	1-¼" BSP (M)
453145	1-½" BSP (M)
453146	2" BSP (M)

- UV and chemical resistance.
- Long tail and thick polyethylene walls.
- Operating temperature - 0 °C to 120 °C.



End Caps - BSP (F)

Part No.	Description
453151	½" BSP (F)
453152	¾" BSP (F)
453153	1" BSP (F)
453154	1-¼" BSP (F)
453155	1-½" BSP (F)
453156	2" BSP (F)

- UV and chemical resistance.
- Long tail and thick polyethylene walls.
- Operating temperature - 0 °C to 120 °C.



Tube Holders

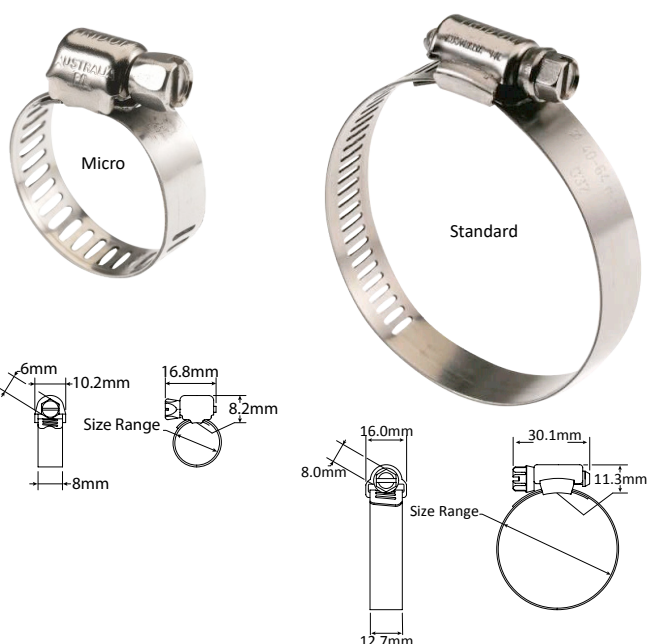
Part No.	Description
45500	¾" Tube Holder
45501	1" Tube Holder
45502	1-¼" Tube Holder
45503	1-½" Tube Holder
45504	1-¾" Tube Holder
45505	2-¼" Tube Holder
45506	3-¼" Tube Holder

- UV and chemical resistance.
- Long tail and thick polyethylene walls.
- Operating temperature - 0 °C to 120 °C.



Hose Clamps

Hose Clamps - Perforated - Stainless Steel

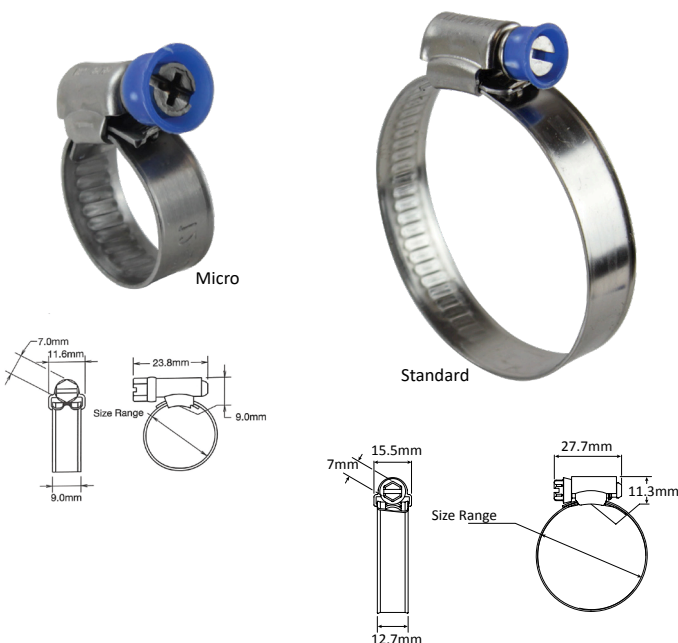


Features

- For marine, industrial, automotive, agricultural, chemical and general purpose use.
- Band: 301 Stainless steel.
- Housing: 301 Stainless steel.
- Screw: 305 Stainless steel (Hex head).

Part No.	Description	Pack Qty
Micro Hose Clamps		
764000	6-16mm Stainless Steel Clamps	10 Per Box
764002	11-18mm Stainless Steel Clamps	10 Per Box
764004	11-22mm Stainless Steel Clamps	10 Per Box
764006	13-25mm Stainless Steel Clamps	10 Per Box
Standard Hose Clamps		
764010	13-25mm Stainless Steel Clamps	10 Per Box
764012	14-27mm Stainless Steel Clamps	10 Per Box
764014	18-32mm Stainless Steel Clamps	10 Per Box
764015	21-38mm Stainless Steel Clamps	10 Per Box
764016	21-44mm Stainless Steel Clamps	10 Per Box
764018	27-51mm Stainless Steel Clamps	10 Per Box
764020	33-57mm Stainless Steel Clamps	10 Per Box
764022	40-64mm Stainless Steel Clamps	10 Per Box
764024	46-70mm Stainless Steel Clamps	10 Per Box
764026	52-76mm Stainless Steel Clamps	10 Per Box
764028	59-83mm Stainless Steel Clamps	10 Per Box
764030	65-89mm Stainless Steel Clamps	10 Per Box
764032	78-102mm Stainless Steel Clamps	10 Per Box
764034	103-127mm Stainless Steel Clamps	10 Per Box
764036	117-140mm Stainless Steel Clamps	10 Per Box
764038	106-152mm Stainless Steel Clamps	10 Per Box
764040	115-165mm Stainless Steel Clamps	10 Per Box
764042	133-178mm Stainless Steel Clamps	10 Per Box

Hose Clamps - Solid - Stainless Steel



Features

- For marine, industrial, hardware auto and general purpose use.
- Rolled edge and smooth underside to prevent hose damage.
- Band: 304 Stainless steel.
- Housing: 304 Stainless steel.
- Screw: 302 Stainless steel.
- Removable safety collar.

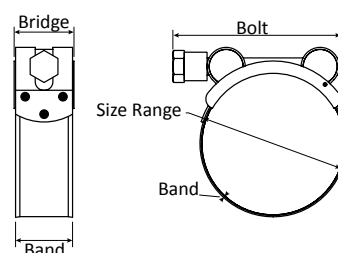
Part No.	Description	Pack Qty
Micro Hose Clamps		
764050	9.5-12mm Stainless Steel Clamp	10 Per Box
764052	11-16mm Stainless Steel Clamp	10 Per Box
764054	13-20mm Stainless Steel Clamp	10 Per Box
Standard Hose Clamps		
764058	16-24mm Stainless Steel Clamp	10 Per Box
764060	16-27mm Stainless Steel Clamp	10 Per Box
764062	22-32mm Stainless Steel Clamp	10 Per Box
764064	22-38mm Stainless Steel Clamp	10 Per Box
764066	35-48mm Stainless Steel Clamp	10 Per Box
764068	35-53mm Stainless Steel Clamp	10 Per Box
764070	40-57mm Stainless Steel Clamp	10 Per Box
764072	52-70mm Stainless Steel Clamp	10 Per Box
764074	65-90mm Stainless Steel Clamp	10 Per Box
764076	85-110mm Stainless Steel Clamp	10 Per Box
764078	105-130mm Stainless Steel Clamp	10 Per Box
764080	130-155mm Stainless Steel Clamp	10 Per Box
764082	155-180mm Stainless Steel Clamp	10 Per Box
764084	180-205mm Stainless Steel Clamp	10 Per Box



Hose Clamps - T-Bolt - Stainless Steel

Part No.	Size (mm)	Band Width (mm)	Bridge Width (mm)	Band Thickness (mm)	Bolt	Bolt Length (mm)	Pack Qty
764085	18-20	16	18	0.7	M6	40	Sold Each
764086	20-22	16	18	0.7	M6	40	Sold Each
764086A	24-26	16	18	0.7	M6	40	Sold Each
764087	29-31	20	22	0.7	M6	55	Sold Each
764088	30-33	20	22	0.7	M6	55	Sold Each
764088A	32-35	20	22	0.7	M6	55	Sold Each
764089	36-39	20	22	0.7	M6	55	Sold Each
764090	40-43	20	22	0.7	M6	55	Sold Each
764091	44-47	20	22	0.7	M6	55	Sold Each
764092	48-51	20	22	0.7	M6	55	Sold Each
764094	52-55	20	22	0.7	M6	55	Sold Each
764096	56-59	20	22	0.7	M6	55	Sold Each
764098	60-63	20	22	0.7	M6	55	Sold Each
764100	64-67	24	27	1.0	M8	80	Sold Each
764102	68-73	24	27	1.0	M8	80	Sold Each
764104	74-79	24	27	1.0	M8	80	Sold Each
764106	80-85	24	27	1.0	M8	80	Sold Each
764108	86-91	24	27	1.0	M8	80	Sold Each
764110	92-97	24	27	1.0	M8	80	Sold Each
764112	98-103	24	27	1.0	M8	80	Sold Each
764114	104-112	24	27	1.0	M8	80	Sold Each
764116	113-121	24	27	1.0	M8	80	Sold Each
764118	122-130	24	27	1.0	M8	80	Sold Each
764120	131-139	26	29	1.2	M10	105	Sold Each

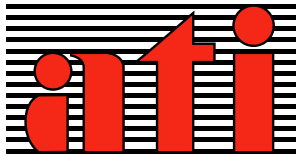
NEW ENTRY



Features

- For heavy duty applications where large tightening forces are required.
- Rolled edge to prevent hose damage.
- Solid trunnions with hex head bolt.
- Band: 304 Stainless.
- Bridge: 304 Stainless Steel.
- Bolt: High tensile 316 Stainless steel.
- Trunnion: 300 Series stainless.
- Collar: 300 Series stainless.





ATI di Mariani has been supplying heating solutions since 1973, and is ISO 9001 certified. The quality of ATI® Water Heater Systems is the result of high-quality materials, passion, care and attention to every stage of production:

- Carefully chosen high-quality certified materials.
- Welding process complying with EN 297.
- Pressure testing - All tanks are 100% pressure tested.
- Pickling and passivation treatment against corrosion (stainless steel range)
- Enamelling is twice layered and certified DIN 4753 (enamel range)
- Thermal insulation made of closed cell expanded polyurethane foam (CFC and HCFC free).
- Final electrical test according to EN 60335.
- All ATI Water Heater are RCM ECM Certified to Australia and New Zealand Standards.



Certified Quality Management System
ISO 9001:2008

Stainless Steel Water Heaters

1

RCM Water Heaters - Stainless Steel

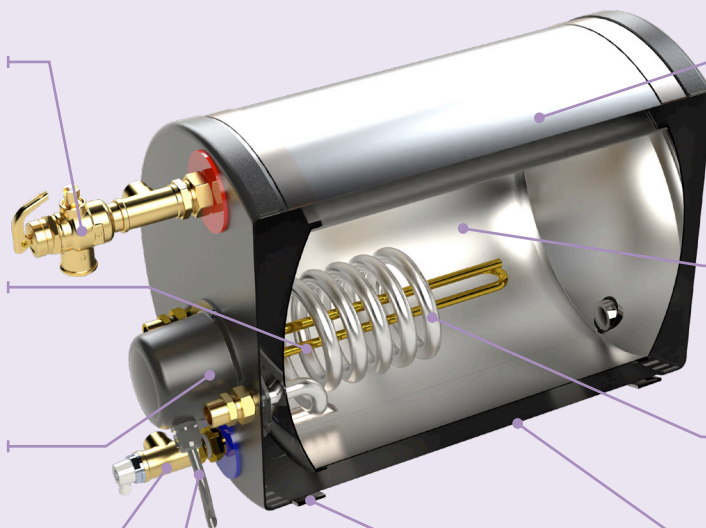
Hot Water Outlet and Pressure Relief and Non-Return Valve. Calibration: 700kpa/99°C.

Incoloy Electrical Heating Element allowing hot water production when engine heat is not available.

Adjustable safety thermostat for temperature adjustment on electrical heating.

Cold water inlet & Drain Cock

Australian Power supply cable and adaptor (SAA Standard).



Thermal insulation: made of expanded polyurethane with closed cells avoids unnecessary heat losses. The heat loss by thermal inertia is reduced to 1°C per hour for a period of 24 hours.

Storage tank: it is made entirely of stainless steel AISI 316L. Anti-corrosion treatment of pickling and passivation.

Heating Exchanger/ Coil: AISI 316L Grade Stainless Steel

External coating: is resistant to shocks and external stresses. It is made of stainless steel AISI 304.

Mounting brackets: AISI 304 Grade Stainless Steel.



RCM Water Heater - Dual Heating - Stainless Steel

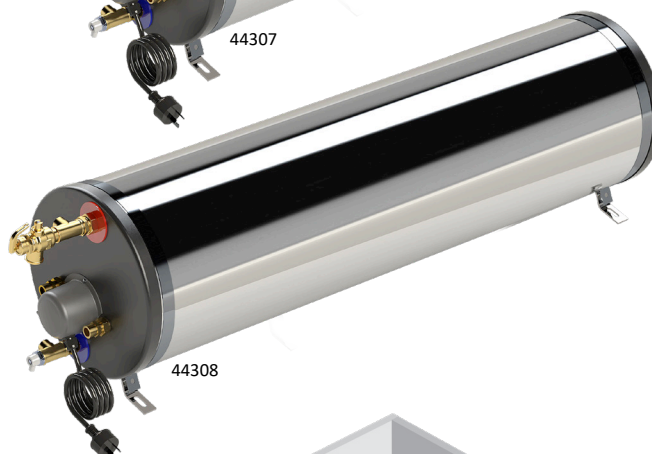
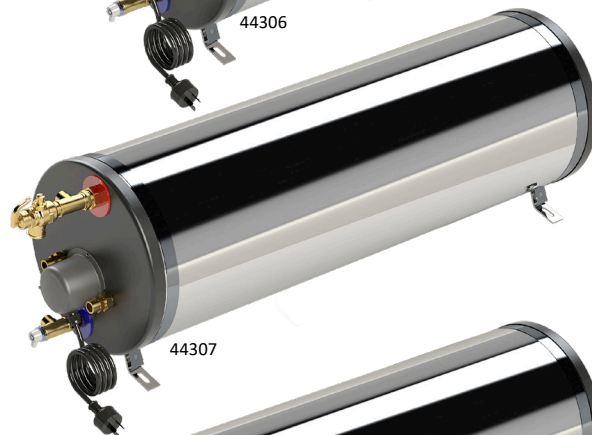
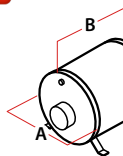
Part No.	Capacity (Ltr)	Element		Volts (V)	Max Pressure (kPa)	Connectors (in)	Dimensions (mm) A x B x C	1
		(W)	(A)					
44304	22	800	3.7	230	700	½"	320 x 565 x 331	NEW ENTRY
44305	30	1200	5.4	230	700	½"	320 x 700 x 331	NEW ENTRY
44306	45	1200	5.4	230	700	½"	320 x 960 x 331	NEW ENTRY
44307	60	1200	5.4	230	700	½"	320 x 1145 x 331	NEW ENTRY
44308	80	1200	5.4	230	700	½"	320 x 1355 x 331	NEW ENTRY

- Dual heating - Incoloy Electric Element and Heat Exchanger Coil.
- Incoloy* Electrical Heating Element is available in 800 and 1200 Watts allowing hot water production when engine heat is not available.
- Heat Exchanger Coil features a large surface area designed to generate a large output of hot water.
- Insulation uses closed cell expanded polyurethane foam (HFC, CFC, HCFC and HFA free).
- Water Heater Tank has both Pickling and Passivation treatment for increased anti-corrosion performance.**
- Adjustable safety thermostat.
- Pressure relief and non-return valve.
- Easy drain connection.
- Power cable and Australian plug supplied (AS/NZS 3112).
- Purpose built from high-quality materials for the marine environment:
 - Tank: AISI 316L Stainless Steel.
 - Heat Exchanger: AISI 316L Stainless Steel.
 - External Casing: AISI 304 Stainless Steel.
 - Mounting Brackets: AISI 304 Stainless Steel.
- RCM Certified: SAA-180560-EA.
- CE Certified EN 60335.

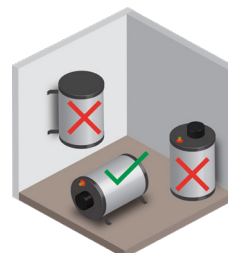
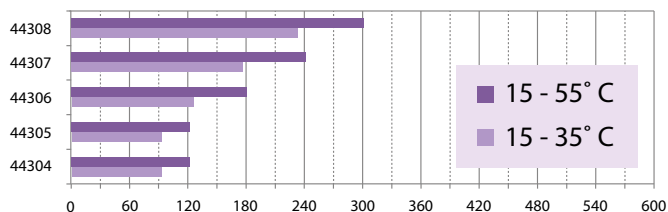
NOTE:

* Incoloy refers to a range of superalloys designed for excellent corrosion resistance as well as strength at high temperatures.

** Both Pickling and Passivation are chemical treatments applied to the surface of stainless steel to remove contaminants and assist the formation of a continuous chromium-oxide, passive film which protect the Stainless steel from corrosion.



Heating Time in Minutes



2

Rectangular Water Heater

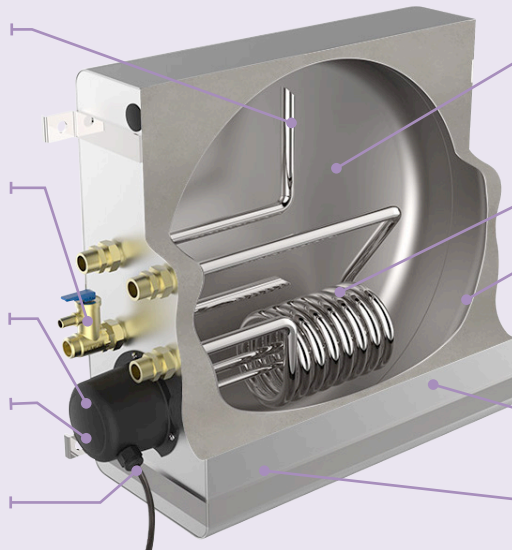
Heat Insulation: Expanded Polyurethane with closed cells (HFC, CFC, HCFC and HFA free).

Pressure Relief and Non-return Valve: Set at 6 ± 0.5 bar.

Incoloy Electrical Heating Element allowing hot water production when engine heat is not available.

Adjustable safety thermostat for temperature adjustment on electrical heating.

Power supply cable supplied standard.



Internal surface: AISI 316L Grade Stainless Steel followed by anti-corrosion treatment of pickling and passivation.

Heating Exchanger/ Coil: AISI 316L Grade Stainless Steel

Easy drain connection.

External casing: AISI 304 Grade Stainless Steel.

Mounting brackets: AISI 304 Grade Stainless Steel.

3

Stainless Steel Water Heaters

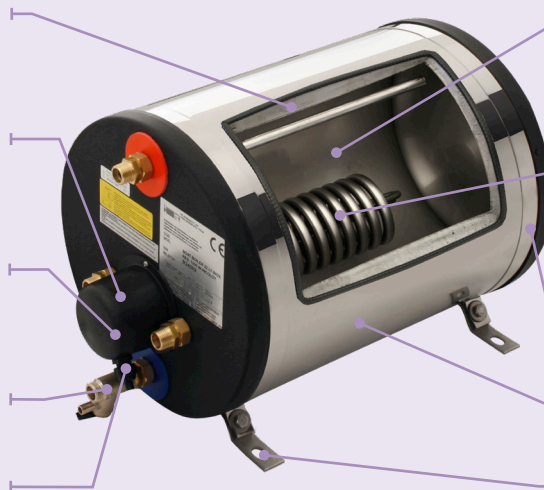
Heat Insulation: Expanded Polyurethane with closed cells (HFC, CFC, HCFC and HFA free).

Incoloy Electrical Heating Element allowing hot water production when engine heat is not available.

Adjustable safety thermostat for temperature adjustment on electrical heating.

Pressure Relief and Non-return Valve: Set at 6 ± 0.5 bar.

Power supply cable supplied standard.



Internal surface: AISI 316L Grade Stainless Steel followed by anti-corrosion treatment of pickling and passivation.

Heating Exchanger/ Coil: AISI 316L Grade Stainless Steel
Exchange surface area:
22 Litre and 30 Litre - 1.530 cm^2
45 Litre and 60 Litre - 2.700 cm^2 .

Easy drain connection.

External casing: AISI 304 Grade Stainless Steel.

Mounting brackets: AISI 304 Grade Stainless Steel.

4

Enamelled Water Heaters

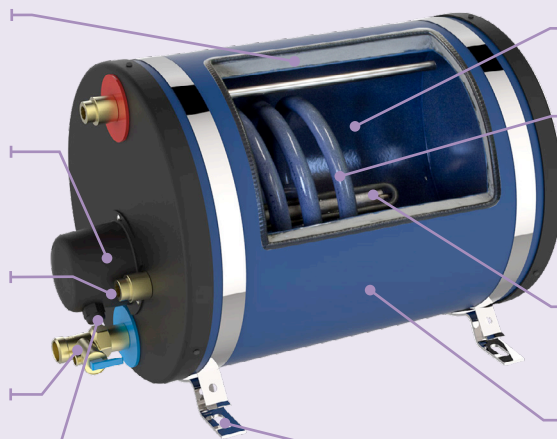
Heat Insulation: Expanded Polyurethane with closed cells (HFC, CFC, HCFC and HFA free).

Incoloy Electrical Heating Element allowing hot water production when engine heat is not available.

Adjustable safety thermostat for temperature adjustment on electrical heating.

Pressure Relief and Non-return Valve: Set at 6 ± 0.5 bar.

Power supply cable supplied standard.



Enamelled Steel Tank: internally coated according to DIN 4753.

Heating Exchanger / Coil: Enamelled Steel DIN 4753
Exchange surface area:
22 Litre and 30 Litre - 1.530 cm^2
45 Litre and 60 Litre - 2.700 cm^2

Replaceable Magnesium anode is fitted to all Enamelled units to protect against galvanic corrosion.

External Casing: Pre-Painted Aluminium.

Mounting Brackets: AISI 304 Stainless Steel.

Water Heater - Rectangular

Part No.	Capacity (Ltr)	Element (W)	Volts (V)	Max Pressure (kPa)	Connectors (in)	Dimensions (mm) A x B x C
44245	20	800	230	500	½"	190 x 517 x 420

2

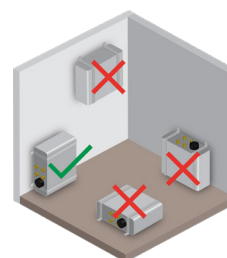
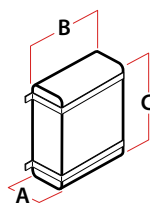


- Dual heating - Incoloy Electric Element and Heat Exchanger Coil.
- Incoloy* Electrical Heating Element is available in 800 Watts allowing hot water production when engine heat is not available.
- Heat Exchanger Coil features a large surface area designed to generate a large output of hot water.
- Insulation uses closed cell expanded polyurethane foam (HFC, CFC, HCFC and HFA free).
- Water Heater Tank has both Pickling and Passivation treatment for increased anti-corrosion performance.**
- Adjustable safety thermostat.
- Pressure relief and non-return valve.
- Easy drain connection.
- Power cable supplied.
- Purpose built from high-quality materials for the marine environment:
 - Tank: AISI 316L Stainless Steel.
 - Heat Exchanger: AISI 316L Stainless Steel.
 - External Casing: AISI 304 Stainless Steel.
 - Mounting Brackets: AISI 304 Stainless Steel.
- RCM Certified: SAA-180560-EA.
- CE Certified EN 60335.

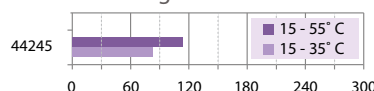
NOTE:

* Incoloy refers to a range of superalloys designed for excellent corrosion resistance as well as strength at high temperatures.

** Both Pickling and Passivation are chemical treatments applied to the surface of stainless steel to remove contaminants and assist the formation of a continuous chromium-oxide, passive film which protect the Stainless steel from corrosion.



Heating Time in Minutes



Water Heater - Replacement Parts

Part No.	Description	Element (W)	Volts (V)
44295	Electrical Heater Element with Anode Holder	500	230
44296	Electrical Heater Element with Anode Holder	800	230
44297	Electrical Heater Element with Anode Holder	1200	230
44300*	Hot Water Heater Anode 16 x 240mm - M6		
44299	Thermostat suits 20A		

Electrical heater element:

- Heats water when the boat engine is off.

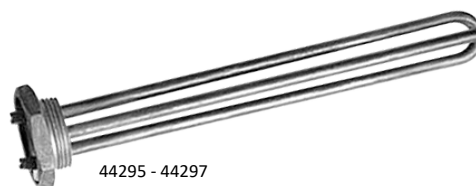
Water Heater Anode:

- Replacement Magnesium Anode.

Thermostat:

- Cuts off the electrical supply to the heater element as the preset temperature is achieved (temperature can be set between 0°C and 70°C).

*NOTE: For more information on 44300 contact one of our technical staff.



Water Heater - Pressure Relief Valve

Part No.	Description	Connector (in)	Max Pressure (kPa)
44292	Pressure Relief Valve / Non Return	½"	500
44293*	Pressure Relief Valve / Non Return	¾"	500

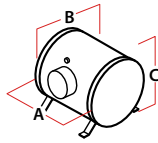
*NOTE: For more information on 44293 contact one of our technical staff.



Water Heater - Dual Heating - Stainless Steel



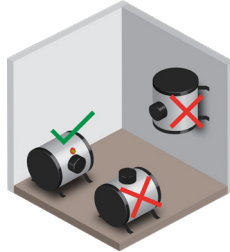
44240 - 44240



3

NEW ENTRY

Part No.	Capacity (Ltr)	Element		Volts (V)	Max Pressure (kPa)	Connectors (in)	Dimensions (mm) A x B x C
		(W)	(A)				
44240	12	500	2.4	230	700	½"	255 x 387 x 320
44242	12	800	3.7	230	700	½"	255 x 387 x 320



NEW ENTRY

Part No.	Capacity (Ltr)	Element		Volts (V)	Max Pressure (kPa)	Connectors (in)	Dimensions (mm) A x B x C
		(W)	(A)				
44250	22	500	2.4	230	700	½"	322 x 515 x 334
44252	22	800	3.7	230	700	½"	322 x 515 x 334
44262	30	800	3.7	230	700	½"	322 x 650 x 334
44276	45	1200	5.4	230	700	½"	322 x 910 x 334
44286	60	1200	5.4	230	700	½"	322 x 1095 x 334

- Dual heating - Incoloy Electric Element and Heat Exchanger Coil.
- Incoloy* Electrical Heating Element is available in 500, 800 and 1200 Watts allowing hot water production when engine heat is not available.
- Heat Exchanger Coil features a large surface area designed to generate a large output of hot water.
- Insulation uses closed cell expanded polyurethane foam (HFC, CFC, HCFC and HFA free).
- Water Heater Tank has both Pickling and Passivation treatment for increased anti-corrosion performance.**
- Adjustable safety thermostat.
- Pressure relief and non-return valve.
- Easy drain connection.
- Power cable supplied.
- Purpose built from high-quality materials for the marine environment:
 - Tank: AISI 316L Stainless Steel.
 - Heat Exchanger: AISI 316L Stainless Steel.
 - External Casing: AISI 304 Stainless Steel.
 - Mounting Brackets: AISI 304 Stainless Steel.
- CE Certified EN 60335.

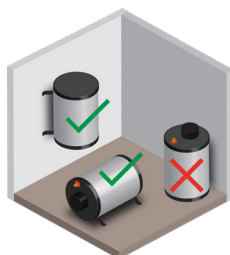
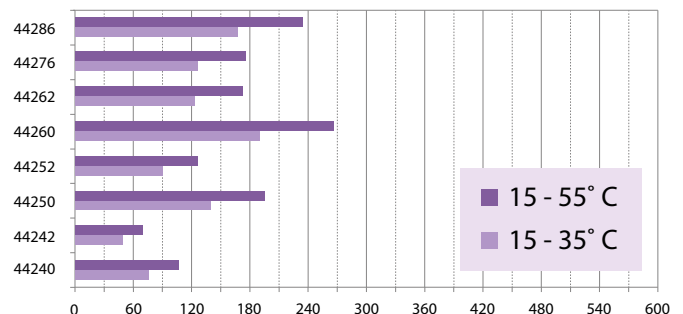
NOTE:

* Incoloy refers to a range of superalloys designed for excellent corrosion resistance as well as strength at high temperatures.

** Both Pickling and Passivation are chemical treatments applied to the surface of stainless steel to remove contaminants and assist the formation of a continuous chromium-oxide, passive film which protect the Stainless steel from corrosion.



Heating Time in Minutes





Water Heater - Dual Heating - Enamelled

Part No.	Capacity (Ltr)	Element		Volts (V)	Max Pressure (kPa)	Connectors (in)	Dimensions (mm) A x B x C	4
		(W)	(A)					
44230	22	800	3.7	230	700	½"	320 x 490 x 334	NEW ENTRY
44232	30	800	3.7	230	700	½"	320 x 625 x 334	NEW ENTRY
44234	45	1200	5.4	230	700	½"	320 x 885 x 334	NEW ENTRY
44236	60	1200	5.4	230	700	½"	320 x 1070 x 334	NEW ENTRY
44238	80	1200	5.4	230	700	½"	320 x 1280 x 334	NEW ENTRY

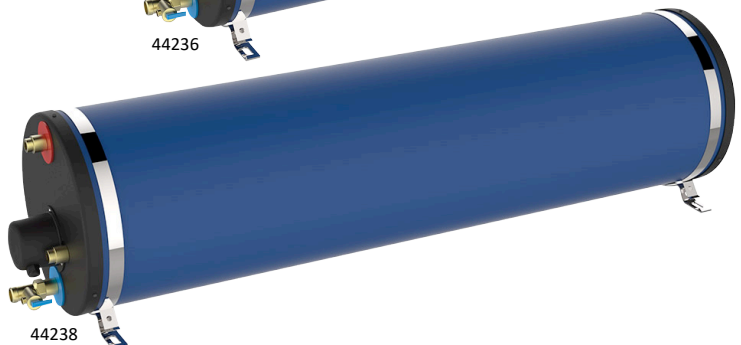
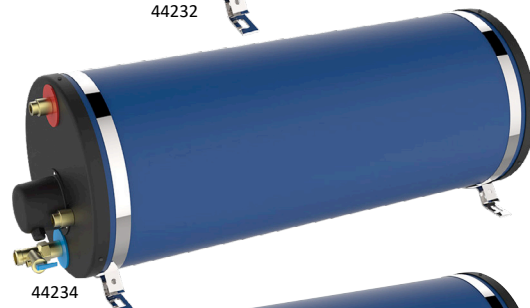
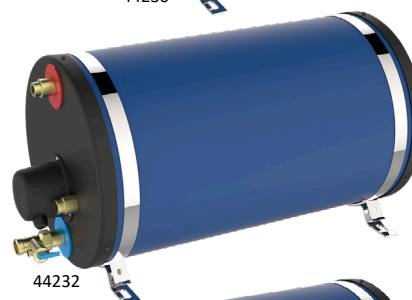
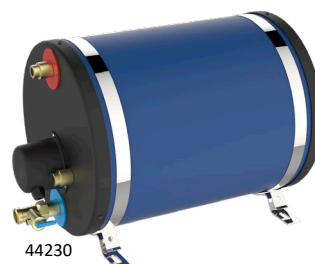
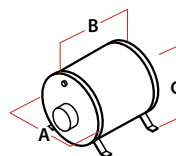
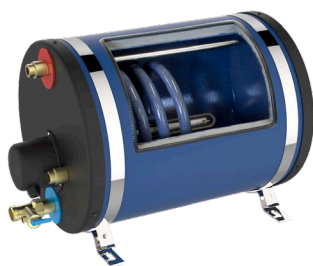


- Dual heating - Incoloy Electric Element and Heat Exchanger Coil.
- Incoloy* Electrical Heating Element is available in 800 and 1200 Watts allowing hot water production when engine heat is not available.
- Heat Exchanger Coil features a large surface area designed to generate a large output of hot water.
- Insulation uses closed cell expanded polyurethane foam (HFC, CFC, HCFC and HFA free).
- Enamelled steel tank is internally coated according to DIN 4753.**
- Replaceable Magnesium anode is fitted to all Enamelled Steel units to protect against galvanic corrosion.
- External casing is made of pre-painted aluminium, chosen because of its suitability for marine applications
- Adjustable safety thermostat.
- Pressure relief and non-return valve.
- Power cable supplied.
- Purpose built from high-quality materials for the marine environment:
Enamelled Steel Tank: internally coated according to DIN 4753.
External Casing: Pre-Painted Aluminium.
Mounting Brackets: AISI 304 Stainless Steel.
- CE Certified EN 60335.

NOTE:

* Incoloy refers to a range of superalloys designed for excellent corrosion resistance as well as strength at high temperatures.

** DIN 4753 refers to the standard for Water heaters and water heating insulations for drinking and service water.



Heating Time in Minutes

