



At Jabsco we are the world's largest manufacturers and suppliers of small craft marine toilets - so we've built a fair degree of experience in heads systems and their design and installation.

Far and away the most widely used marine toilets are manually operated. Our 29090/29120 series have been the most popular type worldwide over the last ten years. We have now improved them even further with stronger materials, new styling and new features that make them even easier to service and maintain. With modern design and materials manual toilets are easy to install and service, simple and clean to use and offer exceptional value for money. Remember there are two bowl sizes to choose from, and normally even the smallest boats have enough space for the comfort of a full sized bowl (29120 series) for just a little extra cost.

Our luxury range of Quiet Flush, Designer Style and Deluxe Flush electric toilets feature low noise levels, so sleeping guests will not be disturbed when the toilet is used! There are options of either flushing with fresh water from the boat's own supply or with salt, river or lake water from outside the boat. DF and DS Series toilets have domestic style bowls with all pump components hidden from view. Quiet Flush Toilets have the pump at the rear of a narrow base and so can be installed in more narrow spaces. Three way controls allow water level to be increased or decreased.

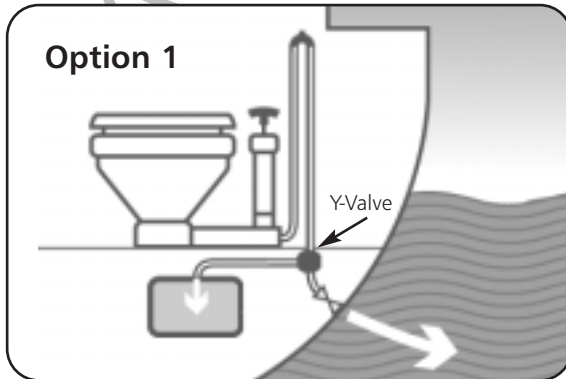
Quiet Flush Conversion kits allow owners of 37010 and many other types of electric or manual toilets to upgrade to full Quiet Flush specification. All our electric toilets use surprisingly little power, and are simple to operate for newcomer and experienced crews alike.

Manual toilets can be upgraded to electric operation by the use of the 29200 Series Conversion. This has been designed to bolt directly in place of the manual pump and use the same plumbing as previously installed. There are two major advantages to this design - it makes the operation of electric toilets simple for boat owners and boatbuilders alike, while still offering the option of a quick return to manual operation in the event of a power failure.

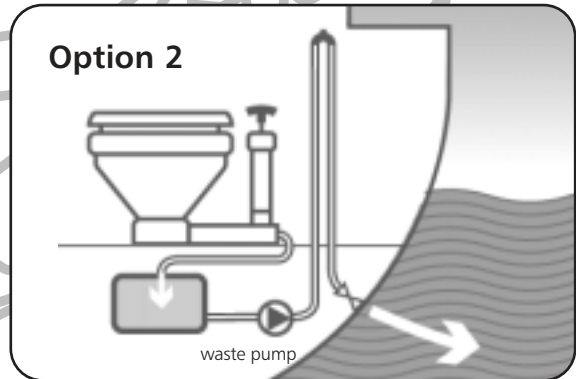
Our 29200 Series Conversion kits are designed with economy of power in mind, driving two pumps from a single motor, and with their rapid bowl emptying a normal crew of four can expect to use less than one amp/hour a day through toilet use.

All our toilets can be used on inland waterways, rivers, lakes or the sea, and can be installed above or below the waterline. However, attention must be paid to installation instructions for safety and installations must meet with local regulations concerning overboard discharge. All our toilets are designed to discharge overboard or into holding tanks as necessary.

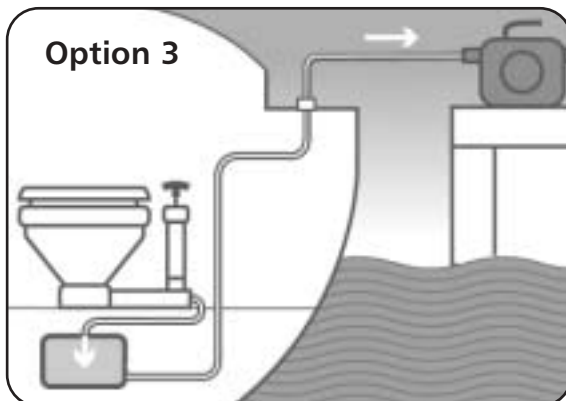
We at Jabsco all understand the importance of keeping the environment clean and free from waste. However it is unfortunate that there is no internationally accepted legislation to guide us on how to deal with the waste from our toilet systems. For this reason Jabsco have produced this guide which details the four most common ways of dealing with toilet waste. It is important to note that your choice of system may be governed by your own national and local rules and regulations.



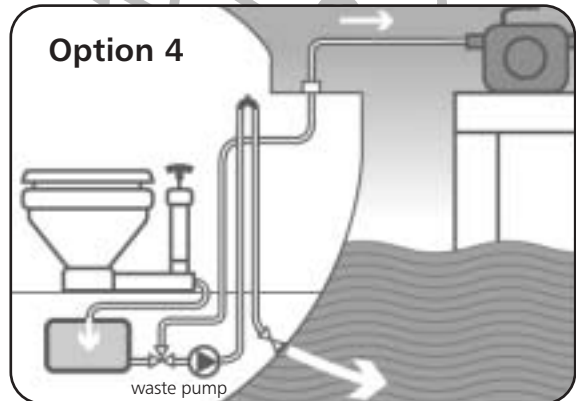
Discharge waste through a Y-valve directly into a non-restricted area or to a holding tank when within the three mile limit using the toilet's own pump and an anti-siphon loop.



Collect waste in an on-board holding tank so that it can be discharged later when you are in un-restricted waters using an electric or manual pump.



Collect waste in an on-board holding tank for discharge later to a Shore Station using a dockside suction pump or portable utility pump.



A combination of Option 2 and 3 to give you the flexibility of discharging waste wherever most convenient and without risk to the environment.



## Twist 'n' Lock Manual Toilets

Jabsco is the world's largest manufacturer of small craft marine toilet systems and we have applied all our experience into our latest manual toilet refining the design that is used by nearly all boatbuilders worldwide.

For extra safety and peace of mind the intuitive, simple to use, Twist 'n' Lock action handle guards against syphonic flooding and waste backflow. With one easy 90° turn of the handle, the lock is applied. Turning the handle back to the natural operating position opens the lock again.

- ① Twist 'n' Lock safety handle and flush control lever.
  - ② Powerful swirl action for efficient flushing.
  - ③ Full sized external seal housing allows quick clean seal replacement and instant access to pump cylinder.
  - ④ Hygienic pure white vitreous china bowl for ease of cleaning.
  - ⑤ Full size regular bowl or compact bowls available.
  - ⑥ Constant 1 1/2" (38mm) bore wastepipe.
  - ⑦ Crevice free contours and smooth mouldings for added hygiene.
  - ⑧ Reversible pump mounting for choice of right or left handed installation.
  - ⑨ Stylised luxury wooden seat and cover with tough baked enamel coating.
  - ⑩ Automatic vacuum breaker for easier pumping.
  - ⑪ Powerful self-priming pump for above or below waterline installation.
  - ⑫ Angled pump housing and long stroke for ease of operation.
  - ⑬ Multi-angled discharge elbow contributes to ease of installation.
- All fastenings face front or top for ease of maintenance.
  - Flexible design for both overboard discharge and holding tanks.
  - Corrosion resistant materials throughout for reliable fresh or salt water service.

**Fitting:** Connections for 3/4" (19mm) ID inlet hose, 1 1/2" (38mm) ID outlet hose.

**Size:** Regular: 18 1/2" wide x 19" deep x 13 3/4" high (47cm x 48cm x 35cm)

Compact: 17 3/4" wide x 16" deep x 13 1/2" high (45cm x 41cm x 34cm)

**Weight:** Regular: 23 1/2 lb (11.6 kg). Compact 20 1/2 lb (9.3 kg).

**29120-3000** Regular bowl size.

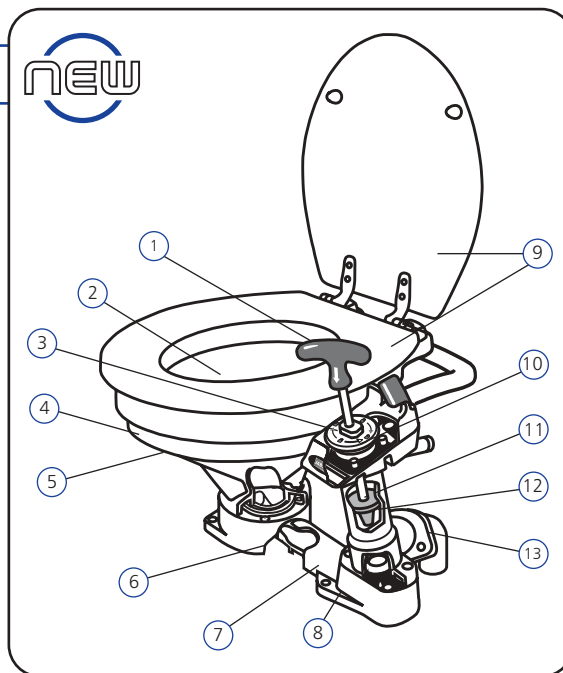
**29090-3000** Compact bowl size.

**29045-3000** Service kit.

**29127-1000** Replacement Regular Seat and Lid.

**29097-1000** Replacement Compact Seat and Lid.

For service and spare parts listing see page 167.



Piston Rod and Seal Assembly

Reversible Pump Mounting



Regular Size

Compact Size





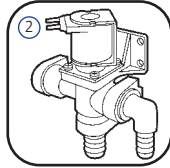
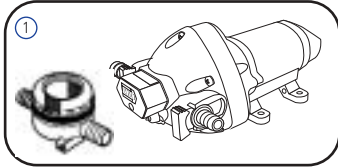
### Deluxe Flush Range of Electric Toilets

The Deluxe Flush Range is Jabsco's latest offering to the top of the range Electric Toilet Market. All aspects of the design have been optimized for minimal water usage and near silent operation.

The stylish and extremely compact design is carefully contoured to conceal the flush pump, wiring and plumbing, whilst still featuring a full-size household seat.

The two models differ only in the shape of the back of the toilet. The Slant Back version gives minimal footprint and makes it easy to mount against a sloping surface or in a corner. The Straight Back version allows snug fitting against a vertical bulkhead.

Deluxe Flush toilets feature a multifunction 'one touch' control pad offering 4 rinse and flush options, using as little as 1.5 US Quarts (1.5 litres) of water.



- ① 58220 & 58240 Series are supplied with a remote mounted self-priming pump to bring in sea, river or lake water to rinse. Complete with Pumpgard™ strainer.
- ② 58020 & 58040 Series are supplied with solenoid valve and siphon breaker assembly for connection to any existing pressurized water system capable of delivering 2.9 US gpm (11 lpm) or more. The siphon breaker ensures there is no backflow from the toilet into the water system
- Space saving elegant design
- Household size seat
- Virtually silent operation for comfort on board
- Choice of 'one touch' flush cycles for minimum water usage - 1.5 US Quarts (1.5 litres)
- Fresh or salt water flush options
- Anti-blocking centrifugal flush pump
- High gloss vitreous china bowl
- No 'dirt traps' for maximum hygiene and easy cleaning
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).

For service and spare parts listing see page 172.



Slant Back

### Deluxe Flush Slant Back Electric Toilets

**Fitting:** Connections for 3/4" (19mm) ID inlet hose and 1 1/2" (38mm) outlet hose.

**Size:** 17 1/4" high x 14 1/2" wide x 17 1/2" deep (44.0cm x 37.0cm x 44.5cm)

**Weight:** 58020 Series - 67lb (30 kg)  
58220 Series - 62lb (28 kg)

- 58020-1012** Slanted back bowl with solenoid valve  
12 volt dc, fuse 25 amp
- 58020-1024** Slanted back bowl with solenoid valve  
24 volt dc, fuse 15 amp
- 58220-1012** Slanted back bowl with intake pump  
12 volt dc, fuse 25 amp
- 58220-1024** Slanted back bowl with intake pump  
24 volt dc, fuse 15 amp



Straight Back

### Deluxe Flush Straight Back Electric Toilets

**Fitting:** Connections for 3/4" (19mm) ID inlet hose and 1 1/2" (38mm) outlet hose.

**Size:** 17 1/4" high x 14 1/2" wide x 17 1/2" deep (44.0cm x 37.0cm x 44.5cm)

**Weight:** 58040 Series - 69lb (31kg)  
58240 Series - 64lb (29kg)

- 58040-1012** Straight back bowl with solenoid valve  
12 volt dc, fuse 25 amp
- 58040-1024** Straight back bowl with solenoid valve  
24 volt dc, fuse 15 amp
- 58240-1012** Straight back bowl with intake pump  
12 volt dc, fuse 25 amp
- 58240-1024** Straight back bowl with intake pump  
24 volt dc, fuse 15 amp



## DS14 Designer Style Electric Toilets

Jabsco DS14 Electric Toilets bring a high level of style to marine toilets. The very low noise level of the flush pump and evacuation pump also contribute to on-board comfort.

They are designed to fit snugly against a vertical bulkhead, with all wiring and plumbing concealed by the bowl to give a clean uncluttered look. The bowl and full size seat assembly has been designed for comfort. Models can be supplied to flush with either fresh or salt water.

- ① Three way control panel allows the operator to select a normal flush and empty cycle or raise or lower the water level as required.
- ② 37275 Series are supplied with a remote mounted self-priming pump to bring in sea, river or lake water to flush. Complete with Pumpgard™ strainer.
- ③ 37075 Series are supplied with a solenoid valve and syphon breaker assembly for connection to any existing pressurized water system capable of delivering 3 US gpm (13.5 lpm) or more. The syphon breaker ensures there is no back flow from the toilet into the water system.

- All models are very quiet running.
- A powerful waste water evacuation pump with built in macerator is included with both models.
- Pure white china bowl.
- Hygienic, vitreous china bowl for ease of cleaning.
- Mounting bolts included.
- May be mounted up to 3ft (1m) below the water line.
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).

**Fitting:** Connections for 3/4" (19mm) ID inlet hose and 1" (25mm) outlet hose.

**Size:** 14" high x 15 1/2" wide x 19" deep (35.5cm x 39.5cm x 48cm)

**Weight:** 37075 Series - 50 lb (22.2 kg)  
37275 Series - 54 lb (24.5 kg)

**37075-0092** White bowl with solenoid valve  
12 Volt dc, fuse 25 amp

**37075-0094** White bowl with solenoid valve  
24 Volt dc, fuse 15 amp

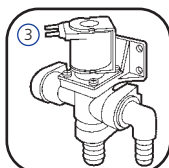
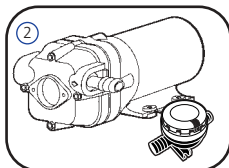
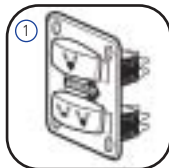
**37275-0092** White bowl with intake pump  
12 Volt dc, fuse 25 amp

**37275-0094** White bowl with intake pump  
24 Volt dc, fuse 15 amp

**90197-0000** Service kit, seals & gaskets

**30617-1000** Flush pump parts - 37275 series only

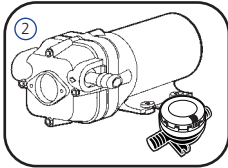
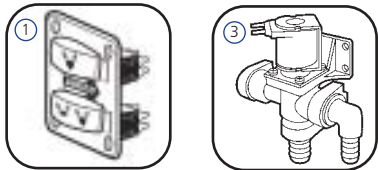
*For service and spare parts listing see page 171.*







37045-Series



37245-Series



37055-Series



37255-Series

### Quiet Flush Electric Toilets

**Quiet Flush Toilets are a variation of the well proven and popular 37010 Series Electric Toilet. Designed to radically reduce noise levels, Quiet Flush Toilets make life on board more comfortable for all crew members, even those sleeping! Two versions are available, either for connection to the vessels existing pressurized water system or supplied with a remote mounted pump to use salt, river or lake water to flush.**

- ① Three way control panel allows the operator to select a normal flush and drain cycle or to lower or raise the water level.
- ② 37245 Series are supplied with a remote mounted quiet running flush pump to bring in sea, river or lake water for flushing. Complete with Pumpgard™ strainer.
- ③ 37045 Series are supplied with a solenoid valve and syphon breaker assembly for connection to any existing pressurized water pump with a flow rate of 3.5 gpm (13.5 lpm) or more. The syphon breaker prevents back flow from the toilet to the water system.

- May be mounted up to 3ft (1m) below the water line with proper plumbing to prevent flooding.
- Both models feature a powerful macerator discharge pump that breaks up waste and evacuates the toilet.
- Both models are supplied complete with 6ft (2m) of white hose to neatly connect the inlet bowl fitting to either the solenoid valve/syphon breaker assembly or inlet pump.
- Available in regular or compact bowl sizes.
- Hygienic, pure white vitreous china bowl for ease of cleaning.
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).

**Fitting:** Connections for 3/4" (19mm) ID inlet hose and 1" (25mm) discharge hose. (Adaptor included for connection to 1 1/2" (8mm) discharge hose.)

**Size:** Compact Bowl: 13 3/4" high x 14" wide x 17 1/2" deep (35cm x 35cm x 45cm)  
Regular Bowl: 14 1/2" high x 14 1/2" wide x 19 3/4" deep (37cm x 37cm x 50cm)

**Weight:** 37045 Compact: 34lb (15.4kg)  
37045 Regular: 38lb (17.3kg)  
37245 Compact: 38lb (17.2kg)  
37245 Regular: 42lb (19.1kg)

- 37045-0092** Compact size, 12 Volt dc model, fuse 25 amp
- 37045-0094** Compact size, 24 Volt dc model, fuse 15 amp
- 37045-1092** Regular size, 12 Volt dc model, fuse 25 amp
- 37045-1094** Regular size, 24 Volt dc model, fuse 15 amp
- 37245-0092** Compact size, 12 Volt dc model, fuse 25 amp
- 37245-0094** Compact size, 24 Volt dc model, fuse 15 amp
- 37245-1092** Regular size, 12 Volt dc model, fuse 25 amp
- 37245-1094** Regular size, 24 Volt dc model, fuse 15 amp
- 29127-1000** Replacement Regular Seat and Lid.
- 29097-1000** Replacement Compact Seat and Lid.
- 90197-0000** Service kit, seal & gaskets
- 30617-1000** Service kit, flush pump - 37245 series only

For service and spare parts listing see page 170.

### Quiet Flush Electric Kits

**Build your own Quiet Flush Toilet using existing Jabasco 37010 Series Toilets or any Manual or Electric toilet bowl with bolt fixing on a 3 3/4" (95mm) diameter circle, to upgrade to Quiet Flush operation. The same options are available as the complete toilet for fresh or salt water flush.**

- ① Three way control panel allows the operator to select a normal flush and drain cycle or to lower or raise the water level.
- ② 37255 Series are supplied with a remote mounted quiet running flush pump for use with salt, river or lake water. Complete with Pumpgard™ strainer.
- ③ 37055 Series are supplied with a solenoid valve and syphon breaker assembly for connection to any existing pressurized pump of 3.5 gpm (13.5 lpm) or more.

- Comprehensive kit has all necessary components, except bowl, seat and lid.
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).

**Fitting:** Connections for 3/4" (19mm) ID inlet hose and 1" (25mm) discharge hose. (Adaptor included for connection to 1 1/2" (38mm) discharge hose.)

**Size:** 12" long x 8 3/4" wide x 3 1/4" high (32cm x 21cm x 8cm)

**Weight:** 37055 Series: 12 1/2 lb (5.7 kg)  
37255 Series: 16 1/2 lb (7.5 kg)

- 37055-0092** 12 Volt dc model, fuse 25 amp
- 37055-0094** 24 Volt dc model, fuse 15 amp
- 37255-0092** 12 Volt dc model, fuse 25 amp
- 37255-0094** 24 Volt dc model, fuse 15 amp
- 90197-0000** Service kit, seal & gaskets

For service and spare parts listing see page 170.



## Electric Toilets

Household size bowl complements the luxury of electric flushing with choice of compact bowl where space is at a premium.

- Hygienic pure white vitreous china bowl for ease of cleaning.
- Stylized luxury wooden seat and cover with tough baked enamel coating.
- Stainless steel and bronze fastenings for reliable salt water service.
- Flushing pump self-priming up to 4ft (1.2m) vertical lift.
- May be mounted 3ft (1m) below the waterline.
- Equally suitable for overboard or holding tank discharge.
- Built-in back flow preventer.
- For installations fitted with vented loops use a solenoid valve (see below).
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).

**Fitting:** Connections for 5/8"-3/4" (16-19mm) ID inlet hose, 1" or 1 1/2" (25mm or 38mm) ID outlet hose.

**Size:** Compact: 13 7/8" wide x 17 5/8" deep x 14" high (35cm x 43cm x 35cm).  
Regular: 14 3/4" wide x 18 1/2" deep x 14 5/8" high (38cm x 47cm x 37cm).

**Weight:** Compact: 34 lb (15.4 kg) Regular: 38 1/2 lb (17.3 kg)

- 37010-0090** Compact size 12 Volt dc model, fuse 25 amp.
- 37010-0096** Compact size 24 Volt dc model, fuse 15 amp.
- 37010-1090** Regular size 12 Volt dc model, fuse 25 amp.
- 37010-1096** Regular size 24 Volt dc model, fuse 15 amp.
- 29127-1000** Replacement Regular Seat and Lid.
- 29097-1000** Replacement Compact Seat and Lid.
- 37040-0000** Service kit, seals & gaskets.

For service and spare parts listing see page 169.



## Electric Kits

Convert our Manual Toilet Compact and Regular bowl models to full electric operation without need to alter existing inlet or discharge seacocks.

- Also converts most toilets with 4 bolt screw pattern on a 3 3/4" (95mm) diameter bolt circle such as Groco, Raritan, Wilcox Crittenden, Mansfield and Sealand.
- Push button flushing for ease and simplicity of operation.
- Comprehensive kit has all necessary parts, including flushing pump, macerator pump, switch, adaptors, clamps, hose and fastenings.
- Flushing pump self-priming up to 4ft (1.2m) vertical lift.
- May be installed 3ft (1m) below the waterline.

- For installations fitted with vented loops use a solenoid valve on inlet hose (see below).
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).

**Fitting:** Connections for 5/8" - 3/4" (16-19mm) ID inlet hose, 1" or 1 1/2" (25 or 38mm) ID outlet hose.

**Size:** 13 1/4" long x 8 1/4" wide x 3 1/4" high (34cm x 21cm x 8cm).

**Weight:** 12 1/2 lb (5.7 kg).

- 37010-0092** 12 Volt dc model, fuse 25 amp.
- 37010-0097** 24 Volt dc model, fuse 15 amp.
- 37040-0000** Service kit, seal and gaskets.

For service and spare parts listing see page 169.



## Solenoid Valve for 37010-Series Electric Toilets

Where 37010 Series Electric Toilets are installed below the waterline we recommend installing a loop on the inlet plumbing rising at least 8" (20cm) above the highest (static or heeled) waterline level, and installing a vented loop fitting at the top of the loop to stop water syphon over the loop and flooding the vessel.

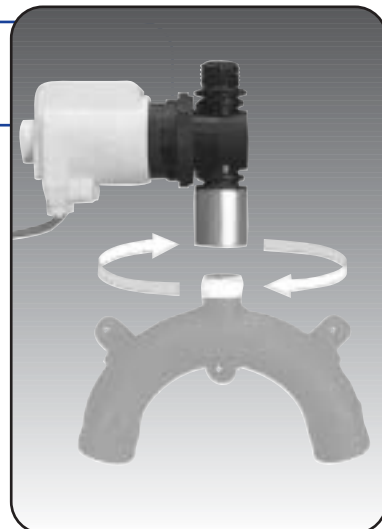
The suction generated by 37010 Series electric toilets will open the valve in vented loops, drawing in air and preventing priming. The 37068-2000 Solenoid Valve attaches directly to Jabsco Vented Loops and is wired to the toilet's on/off switch. It closes whenever the toilet pump is operated and ensures full pump priming.

**37068-2000** Solenoid valve for use with 12 or 24 Volt dc.

**For use with:**

29015-0000 3/4" (19mm) Vented Loop (see page 13).

Recommended accessory 29295-1011 3/4" (19mm) Inlet Return Valve (see page 12).





## Electric Conversion for Manual Toilets

This design makes installation of electric toilets both affordable and practical. Boatbuilders find it easier to offer the option of electric or manual toilets to their customers. Boat owners appreciate modern design and the safety of a unit that can be reconverted to manual operation inside fifteen minutes in the event of a power failure. Boatbuilder and Boat owners benefit from a conversion kit that makes use of existing manual toilet plumbing.

- Complete for 29090/29120 Series, compact and regular bowl, left or right hand manual toilets.
- A range of adaptors replace the conversions standard macerator housing to allow attachments to a wide variety of manufacturers' manual toilets. See list of adaptors.
- Simple rotary control knob offers choice of "Flush and Discharge" or "Discharge Only".
- Existing discharge plumbing remains undisturbed for ease of installation.
- Miserly power consumption, typically less than the equivalent of 1.0 amp/hour each day.
- Vigorous 5 gpm (20 lpm) flush rate for rapid flushing, typically less than 10 seconds.
- Crevice free contours for added hygiene.
- Two powerful self-priming pumps for above or below waterline installation.
- Dual role design macerates waste for both overboard discharge and holdings tanks.
- Automatic inlet water checkvalve for additional security.
- Corrosion resistant materials throughout for reliable fresh or salt water service.

- Manual pump may be refitted to maintain service in the event of power failure.
- Strong, abrasion resistant plastic moldings for consistent color match and high gloss finish.
- Retains existing joker valve to maintain automatic back-flow protection.
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).

**Fitting:** Connections for 3/4" (19mm) ID inlet hose and for existing discharge elbow and outlet hose.

**Size:** 10 1/2" high x 3 1/2" wide x 6" deep (27cm x 9cm x 15cm)

**Weight:** 7 1/2 lb (3.3 kg)

**29200-0120** Toilet conversion, 12 Volt dc, fuse 25 amp

**29200-0240** Toilet conversion, 24 Volt dc, fuse 15 amp

**29101-0000** Service kit, seals and gaskets.

### Adaptors available:

**29060-0000** Adaptor to fit Brydon Boy and PAR 59128, RM69, Mansfield and Sealand 751, Simpson Lawrence 444, standard and large bowl models.

**29080-0000** Adaptor to fit Groco HE, Groco HF.

**29110-0000** Adaptor to fit Raritan compact, Raritan PHII, Sealand 752.

**29128-0000** Adaptor to fit Wilcox Crittenden Head Mate 1460, Wilcox Crittenden Winner \*R4042C

*\*Requires minor repositioning of discharge hose For service and spare parts listing see page 168.*

## Vented Loops

An essential safety component on all inlet and discharge plumbing of toilets installed below the static or heeled waterline.

- Simple valve system ensures water cannot syphon over plumbing loops.
- Available in three sizes for 1 1/2" (38mm), 1" (25mm) and 3/4" (19mm) ID hose.
- Internal valve avoids need for external venting.
- Molded in tough, corrosion proof plastic.

**Fitting:** Connections for 1 1/2" (38mm), 1" (25mm) and 3/4" (19mm) ID hose.

**Size:** 1 1/2" 38mm model: 4 3/4" high x 7 3/4" wide x 1 3/4" deep (12cm x 19.5cm x 4.5cm).

1 1/2" 25mm model: 6 1/4" high x 7 3/4" wide x 1 3/4" deep (16cm x 19.5cm x 4.5cm wide).

3/4" 19mm model: 2 3/4" high x 4" wide x 1" deep (7cm x 10cm x 2.5cm).

**Weight:** 1 1/2" (38mm) model: 1/2 lb (0.25 kg).

1" (25mm) model: 3/4 lb (0.40 kg).

3/4" (19mm) model: 3/2 oz (0.05 kg).

**29015-0000** 3/4" (19mm) model.

**29015-0020** 1" (25mm) model.

**29015-0010** 1 1/2" (38mm) model.

**29015-1000** Replacement valve.

**Not available in the USA**

## Inlet Non-return Valve

A check valve gives quicker and easier flushing response on many manual and 37010-Series electric toilet installations.

- For use with manual and electric toilets using sea water flush.
- Simply fit in inlet suction hose, near seacock but just above waterline.

- Prevents loss of prime in above waterline installations.

- Retains water in bowl of 37010-Series electric toilets installed above waterline.

**Fitting:** Connections for 3/4" (19mm) ID hose.

**Size:** 4 1/4" long x 2 1/8" wide x 2" high (10.8cm x 5.5cm x 5cm)

**Weight:** 1/4 lb (0.1 kg)

**29295-1011** Inlet Non-Return Valve.



## Waste Pump

**Robust diaphragm pump passes solids and is particularly effective in emptying holding tanks. The multi-positional pump head offers a variety of installation options.**

- 5 gpm (19 lpm) output
- Self-priming up to 10ft (3m)
- Capable of extensive dry running
- Compact and simple design
- Quiet running
- Flexible Installation
- Corrosion resistant parts

- Complies with USCG 183.410 and ISO 8846 MARINE (ignition protection)

- ISO 8849 MARINE (Bilge Pump Standard)

**Fitting:** Connections for 1½" (38mm) ID hose

**Size:** 10.9" long x 6.1" wide x 4.4" high  
(27.7cm x 15.5cm x 11.1cm)

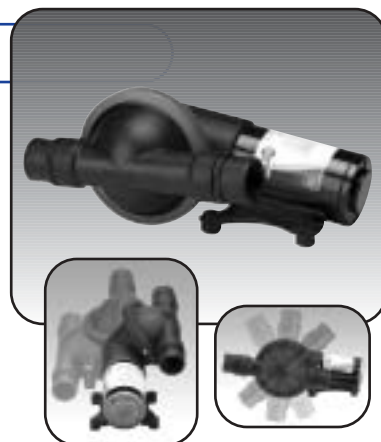
**Weight:** 6lb (2.7kg)

**50890-1000** 12 Volt dc model, fuse 10 amp

**50890-1100** 24 Volt dc model, fuse 5 amp

**SK890** Service kit

*For service and spare parts listing see page 153.*



## Run-Dry Macerator Waste Pump

**The latest version of the Macerator pump now has a fully sealed motor and a new more powerful chopper blade. The sealed motor consists of o-ring sealed endbells, sealed bearings and a hard durable powder coating to prevent corrosion occurring both internally and externally. A new four-bladed chopper has been added to further reduce the possibility of clogging. The pump still has the Run-Dry feature present in previous models.**

- Triple sealed motor to prevent both internal and external motor corrosion.
- New Four-bladed chopper reduces clogging.
- Detects the absence of fluid then shuts-off pump before impeller is damaged.
- Sensor provides adequate run-dry period to

allow initial priming of the pump.

- Interrupting power supply to the macerator resets the Run-Dry Device.

- Flow rate to 12 gpm (45 lpm) .

- Self-priming to 4ft (1.2m) vertical lift.

- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).

**Fitting:** Inlet Port: 1½" (38mm) Hose Barb plus 1½" NPT. Inlet Port, RV Model: 3" (75mm) Hose. Discharge Port: 1" (25mm) Hose Barb.

**Size:** 11¾" long x 4¾" wide x 3⅝" high  
(29cm x 12cm x 9cm).

RV model is only 8¼" (21cm) long.

**Weight:** 5 lb (2.3 kg).

**18590-2092** 12 Volt dc Pump, Marine Model

**18590-2094** 24 Volt dc Pump, Marine Model

*For service and spare parts listing see page 150.*



## AC Macerator Pump

**The AC Macerator is similar to the DC models. It is ideal for heavy-duty commercial applications where mains power is available.**

- Flow rate to 14 gpm (53 lpm).
- Thermal-overload protected motor.
- Includes convenient carrying handle.
- Self priming to 4ft (1.2m).

**Fitting:** Inlet Port: 1½" (38mm) Hose Barb plus 1½" NPT. Discharge Port: 1" Hose Barb

**Size:** 14⅞" long x 7¼" wide x 8" high

**Weight:** 18690-Series 19 lb (8.6 kg)  
22130-Series 24 lb (10.7 kg)

**Suitable for North America.**

**18690-0000** 115V AC Marine model.\*

**Suitable for Europe.**

**22130-2721** 110/230V 50/50Hz Marine\*

*For service and spare parts listing see page 150.*



### WARNING

Explosion hazard. Pumps with AC motors can spark. Explosion and death can occur. Do not use where flammable vapors are present.



\*Products marked do not comply with European legislation





## Waste Management System

Jabsco's **NEW** Type 3 Waste Management System provides an easy-to-install, all-inclusive solution consisting of a compact polyethylene holding tank and an integral Run-Dry Macerator Pump. The system has a touch-pad control panel to monitor waste levels and when required the user can activate the macerator pump to evacuate waste.

- External linear sensor for fast and accurate level sensing.
- Rugged 7.5 Gallon (38 liter) Polyethylene holding tank.
- Integral Run-Dry Macerator Waste Pump mounted on the tank.
- Touch-pad includes macerator activation control with auto shut-off – the activation

feature has 3 second delay to avoid accidental operation.

- Illuminated level indication showing 8 level increments to full.
- Unit can be put into Sleep mode so illuminated LED's do not create a disturbance.

**Fitting:** Inlet port 1/2" (38mm) hose barb.  
Dockside evacuation port:  
1/2" (38mm) hose barb.  
Vent connection:  
3/4" (19mm) hose barb.

**Weight:** 24lb (11kg)

**Size:** 14" long x 18" deep x 12" high  
(36cm x 47cm x 31cm)

**38110-0092** 12 Volt dc Pump, fuse 16 amp.

**38110-0094** 24 Volt dc Pump, fuse 8 amp.



## Waste Holding Tank

The simple answer to holding tanks on small craft and to converting existing overboard discharge toilets.

- Compact, lightweight and rugged polyethylene construction.
- Approximately 6 gallon (23 liter) capacity.
- Ready to install with inlet, outlet and vent hose connections, internal suction hose, and mounting straps.

- Compatible with manual and electric toilets and all pump-out systems.

**Fitting:** Connections for 1/2" (38mm) ID inlet hose, 3/4" (19mm) ID vent hose.

**Size:** 18" long x 9" wide x 13" high  
(46cm x 22cm x 33cm).

**Weight:** 8 1/2 lb (3.8 kg).

**38110-0000** Waste holding tank.



## Y-Valve

Robust Y-Valve for use in toilet applications. Allows waste to be pumped overboard or into a holding tank.

- Rotating ports allow for variable routing of hoses onto the valve.
- Can be operated through bulkhead by use of optional handle extension.
- Can be padlocked so that waste can only go to the holding tank to comply with some local regulations (padlock not included).
- Waste and corrosion resistant construction throughout.

**Fitting:** Connections for both 1/2" (38mm) ports and 1" (25mm) inlet port.

**Size:** 7 7/8" long x 7 1/4" wide x 4 1/2" high  
(20cm x 19cm x 12cm).

**Weight:** 2 lb (0.9 kg).

**45490-1000** Y Valve.

**45500-1000** Handle Extension Kit.

**45488-0000** Service Kit.

**45493-0000** Replacement Handle.

**18753-0661** Replacement Ports Kit.

Padlock NOT included



## Toilet Pumpgard™

The Pumpgard™ protects manual or electric toilets from pump malfunctions caused by debris.

- Simply installed in 3/4" (19mm) ID inlet hose.
- Transparent housing allows instant inspection.
- Screw off top allows quick in place cleaning and removal of debris.

**Fitting:** Connections for 3/4" (19mm) ID hose.

**Size:** 4 3/4" long x 2 3/4" wide x 2 1/2" high  
(12cm x 7cm x 6cm).

**46400-0000** Toilet Pumpgard™.

**18753-0040** Replacement 40# mesh filter