

# 04 Toilet Systems

## INTRODUCTION



At Jabsco, we are the world's largest manufacturer and supplier 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 10 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 your 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 Lite Flush, Quiet Flush 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. Lite Flush Toilets have an integral rinse and waste pump system encased in a stylish housing. Deluxe Flush 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, allowing it to 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 newcomers and experienced crews alike.

Manual toilets can be upgraded to electric by the Lite Flush Electric Toilet. The new Lite Flush has been designed to instantly retrofit your existing manual toilet with the same footprint, fixing points and hose attachments as the Jabsco manual toilet.

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.

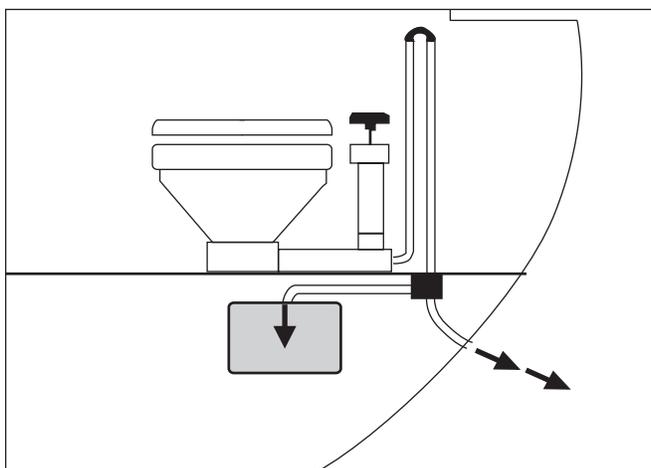


We at Jabsco understand the importance of keeping the environment clean and free from waste. However, it is unfortunate that there is no internationally accepted legislation to guide us on how to deal with the waste from our toilet systems.

For this reason, Jabsco has 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.

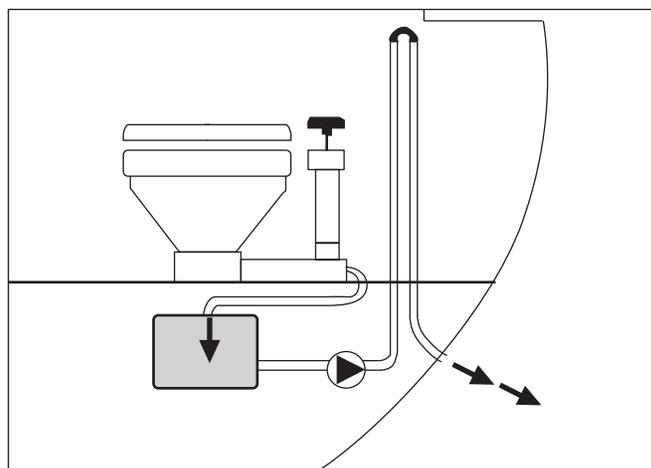


**OPTION 1**



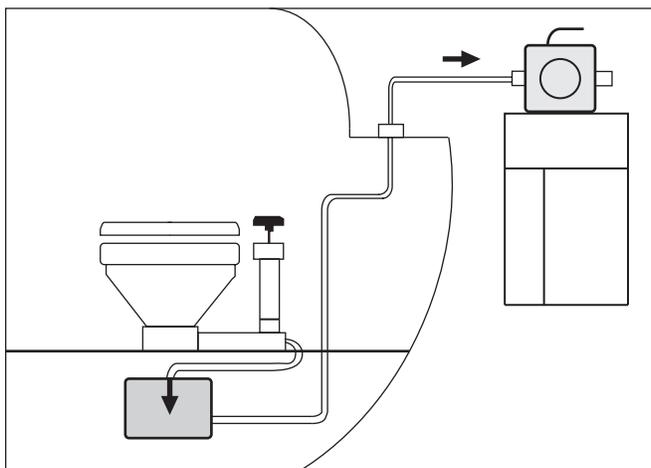
Discharge waste through a Y-valve directly into a non-restricted area, or to a holding tank when within the three-mile limit, using the toilet's own pump and an anti-siphon loop.

**OPTION 2**



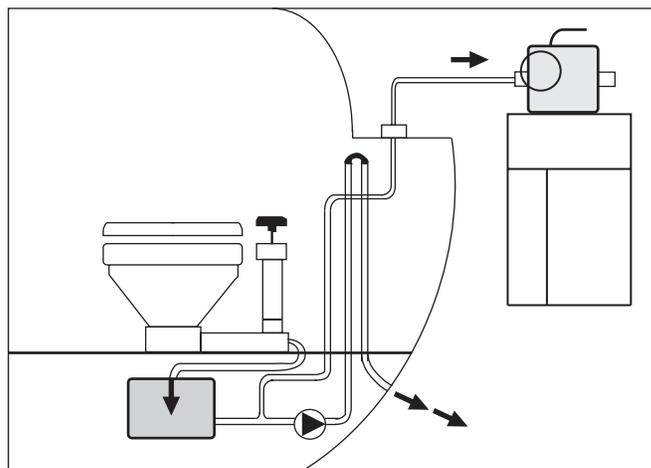
Collect waste in an onboard holding tank so that it can be discharged later when you are in unrestricted waters using an electric or manual pump.

**OPTION 3**



Collect waste in an onboard holding tank for discharge later to a shore station using a dockside suction pump or portable utility pump.

**OPTION 4**



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

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TWIST 'N' LOCK MANUAL TOILETS



## Twist 'n' Lock Manual Toilets



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

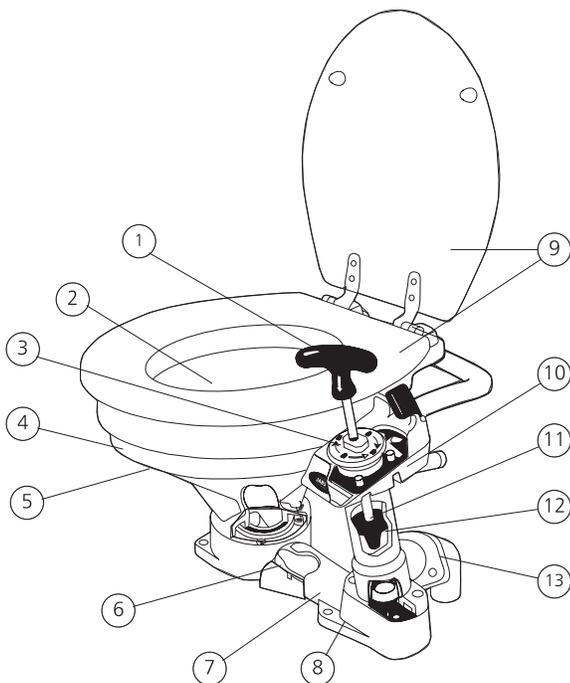
For extra safety and peace of mind, the intuitive, simple to use Twist 'n' Lock action handle guards against siphonic flooding and waste backflow. With one easy 90° turn of the handle, the lock is applied. Turning the handle back to the natural operating position opens the lock again.

- 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.

<b>FITTING</b>	Connections for 3/4" (19mm) ID inlet hose, 1-1/2" (38mm) ID outlet hose
<b>SIZE</b>	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)
<b>WEIGHT</b>	Regular: 23.5lb (11.6kg) Compact: 20.5lb (9.3kg)

MODEL	DESCRIPTION
29120-3000	Regular bowl size
29090-3000	Compact bowl size
29127-1000	Replacement Regular Seat and Lid
29097-1000	Replacement Compact Seat and Lid
29040-3000	Replacement Pump Assembly
29045-3000	Service Kit

For service and spare parts listing, see page 248.



1. Twist 'n' Lock safety handle and flush control lever.
2. Powerful swirl action for efficient flushing.
3. Full-size 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 moldings for added hygiene.
8. Reversible pump mounting for choice of right or left handed installation.
9. Stylized, 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.

# Toilet Systems 04

## LITE FLUSH TOILETS

### Lite Flush Toilets

A new electric toilet designed to instantly retrofit your existing manual toilet or to give your bathroom a modern stylish look.

The Lite Flush is Jabsco's new stylish, low power consuming electric toilet, designed specifically to replace an existing Jabsco manual toilet. The installation is quick and straight-forward due to the same footprint, fixing points and hose attachments as the Jabsco manual toilet.

The compact and lightweight design with its ceramic bowl and plastic outer casing makes it very easy to clean. It is fitted with a new quiet and efficient flush pump which has large clearances to help prevent blockages.

Lite Flush Toilets are available with either a foot switch (left or right fitting) or a wall mounted control panel.

#### NOTE

For use with lake/sea water only.

For service and spare parts listing, see page 255.

#### FEATURES

- Lightweight and compact.
- Stylish and contemporary design.
- Slow-close seat and lid.
- Integral rinse and waste pump system.
- Low water usage – 1.3 US quarts (1.2L) per flush.
- Low power consumption.
- Compliance with USCG 183.410 and 8846 Marine Ignition Standard.



### Lite Flush with Foot Switch

58500-00XX Series are supplied with a simple to use, one-press foot switch. Simply press once to fill the bowl (bowl can be left wet or dry) and press again to flush.



<b>FITTING</b>	Connections for 3/4" (19mm) ID inlet hose and 1-1/2" (38mm) outlet hose
<b>SIZE</b>	15-3/4" wide x 15-3/4" deep x 14-3/4" high (40cm x 40cm x 37cm)
<b>WEIGHT</b>	24lb (11kg)

MODEL	DESCRIPTION
58500-0012	Foot switch, 12V DC, fuse 25 amp
58500-0024	Foot switch, 24V DC, fuse 15 amp

### Lite Flush with Control Panel

58500-10XX Series are supplied with a new multi-function "one touch" wall mounted control panel, which also adapts to standard Gewiss and Vimar fascia panels.



<b>FITTING</b>	Connections for 3/4" (19mm) ID inlet hose and 1-1/2" (38mm) outlet hose
<b>SIZE</b>	15-3/4" wide x 15-3/4" deep x 14-3/4" high (40cm x 40cm x 37cm)
<b>WEIGHT</b>	24lb (11kg)

MODEL	DESCRIPTION
58500-1012	Control panel, 12V DC, fuse 25 amp
58500-1024	Control panel, 24V DC, fuse 15 amp

# 04 Toilet Systems

ELECTRIC TOILETS & KITS



## 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. Boatbuilders 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.
- Simple rotary control knob offers choice of "Flush and Discharge" or "Discharge Only."
- Existing discharge plumbing remains undisturbed for ease of installation.
- Low 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).



Requires minor repositioning of discharge hose.



<b>FITTING</b>	Connections for 3/4" (19mm) ID inlet hose, and for existing discharge elbow and outlet hose
<b>SIZE</b>	3-1/2" wide x 6" deep x 10-1/2" high (9cm x 15cm x 27cm)
<b>WEIGHT</b>	7.5lb (3.3kg)

MODEL	DESCRIPTION
29200-0120	Toilet conversion, 12V DC, fuse 25 amp
29200-0240	Toilet conversion, 24V DC, fuse 15 amp
29101-0000	Service Kit, Seals and Gaskets

For service and spare parts listing, see page 249.

## 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 4' (1.2m) vertical lift.
- May be mounted 3' (1m) below the waterline.
- Equally suitable for overboard or holding tank discharge.
- Built-in backflow preventer.
- For installations fitted with vented loops, use a solenoid valve (see next page).
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).

<b>FITTING</b>	Connections for 5/8" to 3/4" (16mm to 19mm) ID inlet hose, 1" or 1-1/2" (25mm or 38mm) ID outlet hose
<b>SIZE</b>	Regular: 14-3/4" wide x 18-1/2" deep x 14-5/8" high (38cm x 47cm x 37cm) Compact: 13-7/8" wide x 17-5/8" deep x 14" high (35cm x 43cm x 35cm)
<b>WEIGHT</b>	Regular: 38.5lb (17.3kg) Compact: 34lb (15.4kg)

MODEL	DESCRIPTION
37010-0090	Compact size, 12V DC, fuse 25 amp
37010-0096	Compact size, 24V DC, fuse 15 amp
37010-1090	Regular size, 12V DC, fuse 25 amp
37010-1096	Replacement Regular Seat and Lid
29127-1000	Replacement Compact Seat and Lid
29097-1000	Replacement Compact Seat and Lid
37040-0000	Service Kit, Seals and O-Rings

For service and spare parts listing, see page 250.

## 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 four 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, adapters, clamps, hose and fastenings.
- Flushing pump self-priming up to 4' (1.2m) vertical lift.
- May be installed 3' (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).



<b>FITTING</b>	Connections for 5/8" to 3/4" (16mm to 19mm) ID inlet hose, 1" or 1-1/2" (25mm or 38mm) ID outlet hose
<b>SIZE</b>	13-1/4" long x 8-1/4" wide x 3-1/4" high (34cm x 21cm x 8cm)
<b>WEIGHT</b>	12.5lb (5.7kg)

MODEL	DESCRIPTION
37010-0092	12V DC, fuse 25 amp
37010-0097	24V DC, fuse 15 amp
37040-0000	Service Kit, Seal and Gaskets

For service and spare parts listing, see page 250.

## 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 siphon 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.



MODEL	DESCRIPTION
37068-2000	Solenoid Valve for use with 12V or 24V DC

### FOR USE WITH

MODEL	DESCRIPTION
29015-0000	3/4" (19mm) Vented Loop (see page 48)
29295-1011	Recommended Accessory: 3/4" (19mm) Inlet Non-Return Valve (see page 48)

# 04 Toilet Systems

QUIET FLUSH ELECTRIC TOILETS

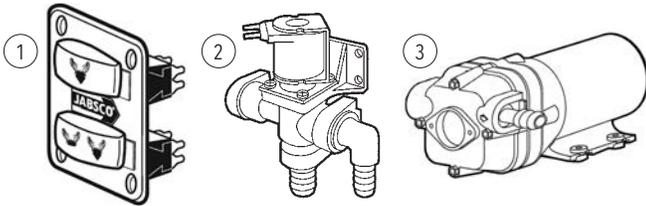


## Quiet Flush Electric Toilets

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 onboard more comfortable for all crew members, even those sleeping!

Two versions are available, either for connection to the vessel's existing pressurized water system or supplied with a remote mounted pump to use salt, river or lake water to flush.

- May be mounted up to 3' (1m) below the waterline 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 6' (2m) of white hose to neatly connect the inlet bowl fitting to either the solenoid valve/siphon 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).



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 siphon breaker assembly for connection to any existing pressurized water pump with a flow rate of 3.5 GPM (13.5 LPM) or more. The siphon breaker prevents backflow from the toilet to the water system.



<b>FITTING</b>	Connections for 3/4" (19mm) ID inlet hose and 1" (25mm) discharge hose. Adapter included for connection to 1-1/2" (38mm) discharge hose.
<b>SIZE</b>	Regular: 14-1/2" wide x 19-3/4" deep x 14-1/2" high (37cm x 50cm x 37cm) Compact: 13-1/2" wide x 16-1/2" deep x 13-3/4" high (35cm x 42cm x 34.5cm)
<b>WEIGHT</b>	37045 Compact Fresh Water: 34lb (15.4kg) 37245 Compact Salt Water: 38lb (17.2kg) 37045 Regular Fresh Water: 38lb (17.36kg) 37045 Regular Salt Water: 42lb (19.1kg)

MODEL	DESCRIPTION
37045-0092	Compact size, 12V DC, fuse 25 amp, fresh water
37045-0094	Compact size, 24V DC, fuse 15 amp, fresh water
37045-1092	Regular size, 12V DC, fuse 25 amp, fresh water
37045-1094	Regular size, 24V DC, fuse 15 amp, fresh water
37245-0092	Compact size, 12V DC, fuse 25 amp, salt water
37245-0094	Compact size, 24V DC, fuse 15 amp, salt water
37245-1092	Regular size, 12V DC, fuse 25 amp, salt water
37245-1094	Regular size, 24V DC, fuse 15 amp, salt water
29127-1000	Replacement Regular Seat and Lid
29097-1000	Replacement Compact Seat and Lid
90197-0000	Service Kit, Seal and O-Rings for head macerator

For service and spare parts listing, see page 251.

## Quiet Flush Electric Kits



Build your own Quiet Flush Toilet using existing Jabsco 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.

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

<b>FITTING</b>	Connections for 3/4" (19mm) ID inlet hose and 1" (25mm) discharge hose. Adapter included for connection to 1-1/2" (38mm) discharge hose.
<b>SIZE</b>	12" long x 8-1/4" wide x 3-1/4" high (32cm x 21cm x 8cm)
<b>WEIGHT</b>	37055 Series: 12.5lb (5.7kg) 37255 Series: 16.5lb (7.5kg)

<b>MODEL</b>	<b>DESCRIPTION</b>
37055-0092	12V DC, fuse 25 amp, fresh water
37055-0094	24V DC, fuse 15 amp, fresh water
37255-0092	12V DC, fuse 25 amp, salt water
37255-0094	24V DC, fuse 15 amp, salt water
90197-0000	Service Kit, Seal and Gaskets

For service and spare parts listing, see page 251.

# 04 Toilet Systems

DELUXE FLUSH ELECTRIC TOILETS



## Deluxe Flush Electric Toilets

The Deluxe Flush range is Jabsco's newest offering to the top of the range electric toilet market. This range is now complete with the new 14" and existing 17" electric toilets.

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

Both 14" and 17" electric toilets are offered in a choice of a slant back or a straight back. The slant back version gives a 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.

The toilets feature a new multifunctional "one touch" control pad which adapts to standard Gewiss and Vimar switch fascias.

### FEATURES

- Virtually silent operation for comfort onboard.
- Choice of four rinse options for minimum water usage 1.5 US quarts (1.5L).
- Fresh or salt water flush options.
- Anti-blocking centrifugal flush pump.
- High vitreous china bowl.
- No "dirt traps" for maximum hygiene and easy cleaning.
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).



MODEL	DESCRIPTION
582X0 Series	Supplied with a remote mounted self-priming pump to bring in sea, river or lake water to rinse. Complete with Pumpgard™ strainer.
580X0 Series	Supplied with a solenoid valve and siphon breaker assembly for connection to any existing pressurized water system capable of delivering 2.9 GPM (11 LPM) or more. The siphon breaker ensures there is no backflow from the toilet into the water system.

For service and spare parts listing, see page 253.

## Deluxe Flush 14" Straight Back Electric Toilets



Straight Back

<b>FITTING</b>	Connections for 3/4" (19mm) ID inlet hose and 1-1/2" (38mm) outlet hose
<b>SIZE</b>	14-1/2" wide x 17-5/8" deep x 14-3/8" high (37cm x 45cm x 36cm)
<b>WEIGHT</b>	58080 Series: 55lb (25kg) 58280 Series: 60lb (27kg)

MODEL	DESCRIPTION
58080-1012	14" straight back bowl with solenoid valve, 12V DC, fuse 25 amp
58080-1024	14" straight back bowl with solenoid valve, 24V DC, fuse 15 amp
58280-1012	14" straight back bowl with intake pump, 12V DC, fuse 25 amp
58280-1024	14" straight back bowl with intake pump, 24V DC, fuse 15 amp

## Deluxe Flush 14" Slant Back Electric Toilets



Slant Back

<b>FITTING</b>	Connections for 3/4" (19mm) ID inlet hose and 1-1/2" (38mm) outlet hose
<b>SIZE</b>	14-1/2" wide x 17-5/8" deep x 14-3/8" high (37cm x 45cm x 36cm)
<b>WEIGHT</b>	58060 Series: 53lb (24kg) 58260 Series: 57lb (26kg)

MODEL	DESCRIPTION
58060-1012	14" slanted back bowl with solenoid valve, 12V DC, fuse 25 amp
58060-1024	14" slanted back bowl with solenoid valve, 24V DC, fuse 15 amp
58260-1012	14" slanted back bowl with intake pump, 12V DC, fuse 25 amp
58260-1024	14" slanted back bowl with intake pump, 24V DC, fuse 15 amp

## Deluxe Flush 17" Straight Back Electric Toilets



Straight Back

<b>FITTING</b>	Connections for 3/4" (19mm) ID inlet hose and 1-1/2" (38mm) outlet hose
<b>SIZE</b>	14-1/2" wide x 17-1/2" deep x 17-1/4" high (37cm x 44.5cm x 44cm)
<b>WEIGHT</b>	58040 Series: 69lb (31kg) 58240 Series: 64lb (29kg)

MODEL	DESCRIPTION
58040-1012	17" straight back bowl with solenoid valve, 12V DC, fuse 25 amp
58040-1024	17" straight back bowl with solenoid valve, 24V DC, fuse 15 amp
58240-1012	17" straight back bowl with intake pump, 12V DC, fuse 25 amp
58240-1024	17" straight back bowl with intake pump, 24V DC, fuse 15 amp

## Deluxe Flush 17" Slant Back Electric Toilets



Slant Back

<b>FITTING</b>	Connections for 3/4" (19mm) ID inlet hose and 1-1/2" (38mm) outlet hose
<b>SIZE</b>	14-1/2" wide x 17-1/2" deep x 17-1/4" high (37cm x 44.5cm x 44cm)
<b>WEIGHT</b>	58020 Series: 62lb (28kg) 58220 Series: 67lb (30kg)

MODEL	DESCRIPTION
58020-1012	17" slanted back bowl with solenoid valve, 12V DC, fuse 25 amp
58020-1024	17" slanted back bowl with solenoid valve, 24V DC, fuse 15 amp
58220-1012	17" slanted back bowl with intake pump, 12V DC, fuse 25 amp
58220-1024	17" slanted back bowl with intake pump, 24V DC, fuse 15 amp

# 04 Toilet Systems

## ACCESSORIES



### Outlet Non-Return Valve

A non-return valve can be used to help prevent waste backflow on electric toilets. Simply fit discharge hose close to the toilet.



MODEL	DESCRIPTION
58109-1000	1-1/2" (38mm) Outlet Non-Return Joker Valve

### 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.



<b>FITTING</b>	Connections for two 1-1/2" (38mm) ports and 1" (25mm) inlet port
<b>SIZE</b>	7-5/8" long x 7-1/4" wide x 4-5/8" high (20cm x 19cm x 12cm)
<b>WEIGHT</b>	2lb (0.9kg)

MODEL	DESCRIPTION
45490-1000	Y-Valve
45500-1000	Handle Extension Kit
45493-0000	Replacement Handle
18753-0661	Replacement Ports Kit
45488-0000	Service Kit

### 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 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.

<b>FITTING</b>	Connections for 3/4" (19mm) ID hose
<b>SIZE</b>	4-1/4" long x 2-1/8" wide x 2" high (10.8cm x 5.5cm x 5cm)
<b>WEIGHT</b>	0.25lb (0.1kg)

MODEL	DESCRIPTION
29295-1011	Inlet Non-Return Valve

### 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 siphon 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.



<b>FITTING</b>	Connections for 3/4" (19mm), 1" (25mm) and 1-1/2" (38mm) ID hose
<b>SIZE</b>	3/4" (19mm) Model: 3" high x 3-3/4" wide x 1" deep (7.5cm x 9.5cm x 2.5cm) 1" (25mm) Model: 5" high x 7-1/2" wide x 1-3/4" deep (12.5cm x 19cm x 4.5cm) 1-1/2" (38mm) Model: 5" high x 7-1/4" wide x 2" deep (12.5cm x 18.5cm x 5cm)
<b>WEIGHT</b>	3/4" (19mm) Model: 1.5oz (0.04kg) 1" (25mm) Model: 0.25lb (0.13kg) 1-1/2" (38mm) Model: 0.5lb (0.2kg)

MODEL	DESCRIPTION
29015-0000	3/4" (19mm) model
29015-0020	1" (25mm) model
29015-0010	1-1/2" (38mm) model
29015-1000	Replacement valve. Only available in Europe.

## 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 10' (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).



<b>FITTING</b>	Connections for 1-1/2" (38mm) ID hose
<b>SIZE</b>	10.9" long x 6.1" wide x 4.4" high (27.7cm x 15.5cm x 11.1cm)
<b>WEIGHT</b>	6lb (2.7kg)

MODEL	DESCRIPTION
50890-1000	12V DC, fuse 10 amp
50890-1100	24V DC, fuse 5 amp
SK890	Service Kit

For service and spare parts listing, see page 231.

## 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.



<b>FITTING</b>	Connections for 3/4" (19mm) ID hose
<b>SIZE</b>	4-3/4" long x 2-3/4" wide x 2-1/2" high (12cm x 7cm x 6cm)

MODEL	DESCRIPTION
46400-0000	Toilet Pumpgard™
18753-0040	Replacement 40# Mesh Filter

## 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 from 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.
- New stainless steel bolts.
- 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.
- Flow rate to 12 GPM (45 LPM).
- Self-priming to 4' (1.2m) vertical lift.
- Complies with USCG 183.410 and ISO 8846 MARINE (Ignition Protection).

<b>FITTING</b>	Inlet Port: 1-1/2" (38mm) hose barb plus 1-1/2" (38mm) NPT Inlet port, RV Model: 3" (75mm) hose Discharge Port: 1" (25mm) hose barb
<b>SIZE</b>	11-3/8" long x 4-3/4" wide x 3-5/8" high (29cm x 12cm x 9cm). RV model is only 8-1/4" long (21cm).
<b>WEIGHT</b>	5lb (2.3kg)

MODEL	DESCRIPTION
18590-2092	12V DC pump, marine model
18590-2094	24V DC pump, marine model
17288-1000	Replacement Bolt Kit
18598-1000	Service Kit

For service and spare parts listing, see page 256.

\*Products marked do not comply with European legislation.



### WARNING

Explosion Hazard.

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

# 04 Toilet Systems

NEW CERAMIC DESIGNS



## New for 2016!

We have redesigned our ceramic range to offer our customers even more luxury on board their boat.

In 2016, we launch our new ceramic designs which will directly replace all existing models; the new designs will be fully compatible with existing pump systems found on our manual and electric toilet models.

The updated models are styled to meet both the functional and aesthetic demands of today's boat designers and boat owners alike. New for the 2016 models are Soft Close Seat and Lid options; these are available on a variety of models within our extensive range (see our part number cross reference table on the next page for details).

All compact and large bowl manual and electric toilets will change to the new design. We will also update the 17" Vertical Deluxe Flush, followed by the 14" Vertical Deluxe Flush. Both the 17" and 14" Angled Deluxe Flush will remain as they are.

**PLEASE CONTACT YOUR LOCAL DISTRIBUTOR FOR MORE INFORMATION.**

## Jabsco Marine Toilets

### THE FIRST CHOICE FOR BOATERS

- New bowl and seat design featuring white vitreous china bowl.
- Space-saving, stylish design available in compact or large bowl options.
- Enameled wooden seat and cover; soft close option on select models.
- Crevice-free contours and smooth moldings for added hygiene and easy cleaning.
- Versatile plumbing design for easy installation.
- Self-priming pump units suitable for fresh or sea water installation.



## Cross Reference Guide

In 2016, our Jabsco toilets will be updated. We are changing the ceramic bowl, which will mean new part numbers for all models. All large bowl toilets will have a Soft Close Seat option as well as the standard wooden seat. See the table below for replacement part numbers and new Soft Close numbers.

JABSCO TOILET MODEL	CURRENT PART NUMBER	NEW PART NUMBER
<b>Manual Toilets</b>		
Manual Toilet, Compact	29090-3000	29090-5000
Manual Toilet, Regular	29120-3000	29120-5000
Manual Toilet, Regular, Soft Close	–	29120-5100
<b>Electric Toilets</b>		
Electric Toilet, Compact 12V	37010-0090	37010-3092
Electric Toilet, Compact 24V	37010-0096	37010-3094
Electric Toilet, Regular 12V	37010-1090	37010-4092
Electric Toilet, Regular 12V, Soft Close	–	37010-4192
Electric Toilet, Regular 24V	37010-1096	37010-4094
Electric Toilet, Regular 24V, Soft Close	–	37010-4194
<b>Quiet Flush Electric Toilets</b>		
Quiet Flush Toilet, Solenoid, Compact 12V	37045-0092	37045-3092
Quiet Flush Toilet, Pump, Compact 12V	37245-0092	37245-3092
Quiet Flush Toilet, Solenoid, Compact 24V	37045-0094	37045-3094
Quiet Flush Toilet, Pump, Compact 24V	37245-0094	37245-3094
Quiet Flush Toilet, Pump, Regular 12V	37245-1092	37245-4092
Quiet Flush Toilet, Pump, Regular 12V, Soft Close	–	37245-4192
Quiet Flush Toilet, Solenoid, Regular 12V	37045-1092	37045-4092
Quiet Flush Toilet, Solenoid, Regular 12V, Soft Close	–	37045-4192
Quiet Flush Toilet, Solenoid, Regular 24V	37045-1094	37045-4094
Quiet Flush Toilet, Solenoid, Regular 24V, Soft Close	–	37045-4194
Quiet Flush Toilet, Pump, Regular 24V	37245-1094	37245-4094
Quiet Flush Toilet, Pump, Regular 24V, Soft Close	–	37245-4194
<b>Deluxe Flush Electric Toilets</b>		
17" Vertical, Solenoid, 12C	58040-1012	58040-2012
17" Vertical, Solenoid, 12V, Soft Close	–	58040-3012
17" Vertical, Solenoid, 24V	58040-1024	58040-2024
17" Vertical, Solenoid, 24V, Soft Close	–	58040-3024
17" Vertical, Pump, 12V	58240-1012	58240-2012
17" Vertical, Pump, 12V, Soft Close	–	58240-3012
17" Vertical, Pump, 24V	58240-1024	58240-2024
17" Vertical, Pump, 24V, Soft Close	–	58240-3024
14" Vertical, Solenoid, 12V	58080-1012	58080-2012
14" Vertical, Solenoid, 12V, Soft Close	–	58080-3012
14" Vertical, Solenoid, 24V	58080-1024	58080-2024
14" Vertical, Solenoid, 24V, Soft Close	–	58080-3024
14" Vertical, Pump, 12V	58280-1012	58280-2012
14" Vertical, Pump, 12V, Soft Close	–	58280-3012
14" Vertical, Pump, 24V	58280-1024	58280-2024
14" Vertical, Pump, 24V, Soft Close	–	58280-3024