When comparing the many differences among marine toilet systems, most boaters find that VacuFlush systems offer all the advantages that result in homelike comfort and superior, long-lasting performance.

**How VacuFlush Works**

When the flush button or pedal is pushed, vacuum action pulls the effluent from the toilet, through the vacuum generator, and pushes it into the holding tank. The vacuum generator takes about one minute to recharge vacuum for the next flush.
Fresh Water Flushing Stops Odors
Raw water flushing systems contain odor-causing seaweed and other living organisms that die and decay. Low-flow VacuFlush systems use clean, fresh water, thereby eliminating chances for odors.

Minimal Water Use Improves Tank Efficiency
Specially engineered to use little water per flush, VacuFlush systems preserve onboard water supplies and greatly increase the number of flushes between holding tank pump-out operations.

Powerful Vacuum Action Cleans Bowl and Lines
A vigorous combination of air and water flow clears the toilet bowl instantly and keeps plumbing lines open – reducing chances of hose odor permeation.

Look and Performance of Household Toilets
Adult-size seats, deep bowls and large water surfaces of many VacuFlush toilets make them extremely comfortable and easy to use. Electronic flush models offer simple one-touch flushing.

Low Power Use
Pedal-operated VacuFlush toilets draw a mere 2–6 amps per flush, and electronic Flush and Forget® models use only 7 amps more – comparing favorably to other systems that use up to 60 amps.

Unbeatable Reliability
By eliminating the problems associated with raw water systems, VacuFlush systems require less maintenance and extend component life significantly.

Enhanced Resale Value
Sparkling vitreous china toilets and a powerful vacuum sanitation system reflect a higher standard of quality and increase the value of boats.
All-ceramic VacuFlush® Toilets

Luxurious comfort in a compact fixture – featuring electronic remote switch flushing, elongated seat, and “plug-in” base.

- 1.5 pints (.7 l) per flush
- Wall-mounted push button
- Standard, low-profile heights
- Above-, below-floor discharge options
- White, bone colors
- 12 VDC, 24 VDC models

### Toilet Requirements

**Electrical:**
- Wiring – 14 ga. stranded copper.
- Circuit – 12 VDC or 24 VDC - 2-amp breaker (or in-line fuse).

**Water Supply:**
- Line/Fitting – .5-in. (13 mm) ID/.5-in. MPT.
- Flow – 2 gpm (7.6 lpm) at toilet.

**Discharge:**
- 1.5-in. (38 mm) ID PVC pipe or sanitation hose connected to VacuFlush vacuum generator or holding tank system.

### Remote Flush Switches

A selection of remote flush switches for remote flush switch toilet models is shown on page 16.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4806</td>
<td>Low-profile toilet, through-the-floor discharge. Requires remote flush switch</td>
</tr>
<tr>
<td>4809</td>
<td>Standard height toilet, through-the-floor discharge. Requires remote flush switch</td>
</tr>
<tr>
<td>4848</td>
<td>Standard height toilet, through- or above-the-floor discharge. Requires remote flush switch</td>
</tr>
</tbody>
</table>

**4809/4848**

- 14 3/4-inch [375mm] Seat height
- 17-inch [432mm] Seat height

*All dimensions may vary ± 3/8” (10mm).*

**4806**

- 14 3/4-inch [375mm] Seat height
- 14 7/8-inch [380mm] Back wall to discharge centerline rough-in

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**REMOTE FLUSH SWITCHES**

A selection of remote flush switches for remote flush switch toilet models is shown on page 16.

**TOILET REQUIREMENTS**

**Electrical:**
- Wiring – 14 ga. stranded copper.
- Circuit – 12 VDC or 24 VDC - 2-amp breaker (or in-line fuse).

**Water Supply:**
- Line/Fitting – .5-in. (13 mm) ID/.5-in. MPT.
- Flow – 2 gpm (7.6 lpm) at toilet.

**Discharge:**
- 1.5-in. (38 mm) ID PVC pipe or sanitation hose connected to VacuFlush vacuum generator or holding tank system.
**Bidets**

Add continental flair to the bath with a sparkling 4800 series bidet.

- Complements 4800 series toilets
- Accommodates single-hole faucet fixtures
- Standard and low-profile heights
- Available in white and bone

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4801</td>
<td>Standard-height bidet, gravity discharge</td>
</tr>
<tr>
<td>4802</td>
<td>Low-profile bidet, gravity discharge</td>
</tr>
</tbody>
</table>

**Bidet Requirements**

**Water Supply:** Line/Fitting – .5-in. (13 mm) ID/.5-in. MPT. Flow – 4 gpm (14 lpm) at faucet.

**Discharge:** 1.5-in. (38 mm) PVC or sanitation hose connected to holding tank.
All-ceramic VacuFlush® Toilets

Ultra-contemporary design and residential size. Features remote switch flushing, elongated seat, and “plug-in” base.

- Programmable water use
- Wall-mounted push button
- Three operation modes (normal, service, manual override)
- Above-, below-floor discharge options
- White, bone colors
- 12 VDC, 24 VDC models

 dresses.

REMOTE FLUSH SWITCHES
A selection of remote flush switches for remote flush switch toilet models is shown on page 16.

TOILET REQUIREMENTS

Electrical: Wiring – 14 ga. stranded copper.
Circuit – 12 VDC – 8-amp breaker
24 VDC – 4-amp breaker
(or in-line fuse).

Water Supply: Line/Fitting – .5-in. (13 mm) ID/.5-in. MPT.
Flow – 4 gpm (14 lpm) at toilet.

Discharge: 1.5-in. (38 mm) ID PVC pipe or sanitation hose connected to VacuFlush vacuum generator or holding tank system.
Bidet and VacuFlush® Toilet/Bidet

Satisfy today’s diverse standards of personal hygiene with these bidet products. Available in white and bone colors.

- VacuFlush technology
- Temperature-controlled wash
- 12 VDC, 24 VDC models
- Complements 3600 series toilets
- Accommodates single-hole punch faucet fixtures

**Model** | **Description**
---|---
3626 | Low-profile toilet/bidet combo, through-the-floor discharge. Requires remote flush switch
3601 | Standard height bidet

**REMOTE FLUSH SWITCHES**

A selection of remote flush switches for remote flush switch toilet models is shown on page 16.

**BIDET REQUIREMENTS**

Water Supply: Line/Fitting – .5-in. (13 mm) ID/.5-in. MPT. Flow – 4 gpm (14 lpm) at faucet.

Discharge: 1.5-in. (38 mm) PVC or sanitation hose connected to holding tank.

**TOILET/BIDET REQUIREMENTS**

Flush Switch: Contact Dometic Sanitation for details.

Electrical: Wiring – 14 ga. stranded copper. Circuit – 12 VDC – 8-amp breaker; 24 VDC – 4-amp breaker (or in-line fuse).

Water Supply: Line/Fitting – .5-in. (13 mm) ID/.5-in. MPT, cold and hot water. Flow – 4 gpm (14 lpm) at toilet.

Discharge: 1.5-in. (38 mm) ID PVC pipe or sanitation hose connected to VacuFlush vacuum generator or holding tank system.
Compact, Versatile VacuFlush® Toilets

Large household-size bowl with shallow front-to-back footprint delivers installation ease and user comfort for all boat sizes.

- 1 pint (.4 l) per flush
- Foot-pedal flush
- Standard, medium, and low-profile heights
- Above-, below-floor discharge options
- White, bone colors

**Model** | **Description**
--- | ---
5006 | Low-profile, through-the-floor discharge, foot pedal flush
5009 | Standard height, through-the-floor discharge, foot pedal flush
5047 | Standard height, above-the-floor right side discharge, foot pedal flush
5048 | Standard height, above-the-floor rear discharge, foot pedal flush
5049 | Standard height, above-the-floor left side discharge, foot pedal flush
5147 | Medium height, above-the-floor right side discharge, foot pedal flush
5148 | Medium height, above-the-floor rear discharge, foot pedal flush
5149 | Medium height, above-the-floor left side discharge, foot pedal flush

**Water Supply:** Line/Fitting – .5-in. (13 mm) ID/.5-in. MPT. Flow – 2 gpm (7.6 lpm) at toilet.

**Discharge:** 1.5-in. (38 mm) ID PVC pipe or sanitation hose connected to VacuFlush vacuum generator or holding tank system.

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5006

5009/5047/5048/5049

5147/5148/5149

**Model Description**

5009/5048
Home-comfort VacuFlush® Toilets

Elongated HushFlush seat and deep, household-size ceramic bowl offer premium user comfort. Anti-splash rim keeps water in.

- 1 pint (.4 l) per flush
- Foot-pedal operation
- Standard and low-profile heights
- Above-, below-floor discharge options
- White, bone, platinum, ebony colors

Model Description
506+ Low-profile, through-the-floor discharge, foot pedal flush
508+ Standard height, through-the-floor discharge, foot pedal flush
547+ Standard height, above-the-floor right side discharge, foot pedal flush
548+ Standard height, above-the-floor rear discharge, foot pedal flush

TOILET REQUIREMENTS

Water Supply: Line/Fitting – .5-in. (13 mm) ID/.5-in. MPT. Flow – 2 gpm (7.6 lpm) at toilet.

Discharge: 1.5-in. (38 mm) ID PVC pipe or sanitation hose connected to VacuFlush vacuum generator or holding tank system.
Space-saving VacuFlush® Toilets

Sized for smaller boats, these toilets flush on as little as one pint of water.

MODEL 706
• Low-profile height
• Below-floor discharge; rotates 360°

140 SERIES (ECOVAC™)
• Medium height
• Above-floor right, left and rear discharge options

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>706</td>
<td>Low-profile, through-the-floor discharge, foot pedal flush</td>
</tr>
<tr>
<td>147</td>
<td>Medium height, above-the-floor right side discharge, foot pedal flush</td>
</tr>
<tr>
<td>148</td>
<td>Medium height, above-the-floor rear discharge, foot pedal flush</td>
</tr>
<tr>
<td>149</td>
<td>Medium height, above-the-floor left side discharge, foot pedal flush</td>
</tr>
</tbody>
</table>

Model Description

706 Low-profile, through-the-floor discharge, foot pedal flush
147 Medium height, above-the-floor right side discharge, foot pedal flush
148 Medium height, above-the-floor rear discharge, foot pedal flush
149 Medium height, above-the-floor left side discharge, foot pedal flush

All models available in white or bone colors.

TOILET REQUIREMENTS

Water Supply: Line/Fitting – .5-in. (13 mm) ID/.5-in. MPT. Flow – 2 gpm (7.6 lpm) at toilet.
Discharge: 1.5-in. (38 mm) ID PVC pipe or sanitation hose connected to VacuFlush vacuum generator or holding tank system.
Complete VacuFlush® Toilet/Holding Tank System

For many boats from 19 to 26 feet in length (5.8 to 8 m), this totally integrated VacuFlush toilet/vacuum holding tank system is the perfect answer – holding as many flushes as a standard 30-gallon (114 l) tank when used with a typical marine toilet.

- Includes “3/4 Full” and “Full” tank probes and indicator panel
- Automatic “Full” shutdown prevents tank overfill
- Optional discharge pump models available

**Water Supply:**
- Line/Fitting – .5-in. (13 mm) ID/.5-in. MPT. Flow – 2 gpm (7.6 lpm) at toilet.

**Discharge:**
- 1.5-in. (38 mm) ID PVC pipe or sanitation hose connected to VHT 4500 model.

**Vacuum Holding Tank Requirements**

- **Electric:** Vacuum pump: 3 amps (12 VDC). 5-amp fuse or circuit breaker.
- **Inlet:** 1.5-in. (38 mm) ID PVC pipe or sanitation hose from VacuFlush toilet.
- **Discharge:** 1.5-in. (38 mm) ID PVC pipe or sanitation hose connected to discharge fittings.

**Tank Specifications**

- **Waste Capacity:** 9.0 gallons (34 l).
- **Empty Weight:** 30 lbs. (14 kg)*
- **Full Weight:** 102 lbs. (46 kg)*

* Weight of basic VHT4500. For model with discharge pump included, add 8 lbs. (4 kg).
VACUUM HOLDING TANK

Performance Boat Appeal
For performance boats and other trailerable boats with limited space for sanitation system components, the VHT12 combines a vacuum pump and 6.5-gallon (25 l) capacity holding tank.

- High-strength polyethylene tank
- Vacuum relief valve protects tank during pump-out
- Includes “Full” level tank probe and automatic shutdown when full
- No solvent-bonded connections required

Item Description
317769012 6.5 gallon (25 liter) vacuum holding tank
317769112 6.5 gallon (25 liter) vacuum holding tank, swivel discharge fitting
317769212 6.5 gallon (25 liter) vacuum holding tank, 3/4 full relay
326002510 3.6 gallon (14 liter) cassette vacuum tank
326002520 3.0 gallon (11.5 liter) cassette vacuum tank, straight discharge fitting
326002521 3.0 gallon (11.5 liter) cassette vacuum tank, elbow discharge fitting

Most Compact VacuFlush® Tank
Offer the VacuFlush advantage on deck boats and small cuddy's with this portable cassette vacuum holding tank. It connects to any VacuFlush toilet and flushes on as little as one pint (.4 l) of water.

- High-strength polypropylene tank
- Removable cassette tank (2510) or permanent MSD models (2520, 2521)
- Status panel displays vacuum status, “Full” tank indicator, tank removal
- Safety shut-off prevents overfilling
- Can be placed 26 feet (8 meters) from vacuum toilet

CASSETTE VACUUM TANK

VACUUM HOLDING TANK REQUIREMENTS
Electric: Amp draw – 3 amps (12 VDC) 5-amp fuse or circuit breaker.
Inlet: 1.5-in. (38 mm) ID PVC pipe or sanitation hose from VacuFlush toilet.
Discharge: 1.5-in. (38 mm) ID PVC pipe or sanitation hose connected to discharge fitting.

SPECIFICATIONS
Waste Capacity: 6.5 gallons (25 l) Empty Weight: 26.5 lbs. (12 kg) Full Weight: 81 lbs. (37 kg)

CASSETTE VACUUM TANK REQUIREMENTS
Electric: Amp draw – 1.5 amps (12 VDC). 5-amp fuse or circuit breaker.
Inlet: 1.5-in. (38 mm) ID PVC pipe or sanitation hose from VacuFlush toilet.
Discharge: 1.5-in. (38 mm) ID PVC pipe or sanitation hose connected to discharge fitting.

SPECIFICATIONS
Waste Capacity: 3.6 gallons (14 l) – 2510; 3.0 gallons (11.5 l) – 2520, 2521
Empty Weight: 13.3 lbs. (6 kg) – 2510; 14.3 lbs. (6.5 kg) – 2520, 2521
Full Weight: 42.1 lbs. (19.1 kg) – 2510; 43.1 lbs. (19.5 kg) – 2520, 2521
* Model 2521 (not shown) includes elbow discharge fitting. Dimensions are same as 2520.
J SERIES

Vacuum Generator—The Heart of VacuFlush® Technology

The latest development in vacuum technology features new “whisper quiet” operation. Includes an injection-molded tank and integrated features that benefit installers and boat owners.

- 34% faster vacuum regeneration than previous models
- Same overall dimensions as previous model
- Advanced features improve installation and service
- 12 and 24 VDC models

Installation Flexibility – Pump body and plumbing fittings easily rotate to accommodate diverse plumbing layouts. Inlet and outlet fittings are interchangeable.

Improved Pump Flow – Large 2-inch (51mm) ID duckbill valves improve flow through pump.

Enhanced Serviceability – Two-piece vacuum tank allows easy removal of top if necessary. Spin nut connections also allow easy removal of fittings.

Improved Reliability – Injection-molded tank with integrated diptube maintains precise tolerances for long-lasting, optimal pumping efficiency.

VACUUM GENERATOR REQUIREMENTS

Electric: Amp draw – 6 amps (12 VDC); 3 amps (24 VDC).
  12 VDC – 10-amp fuse or circuit breaker.
  24 VDC – 5-amp fuse or circuit breaker.

Inlet: 1.5-in. (38 mm) ID PVC pipe or sanitation hose from VacuFlush toilet.

Discharge: 1.5-in. (38 mm) ID PVC pipe or sanitation hose connected to holding tank system.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>317780012</td>
<td>J series vacuum generator, 12 VDC</td>
</tr>
<tr>
<td>317780024</td>
<td>J series vacuum generator, 24 VDC</td>
</tr>
</tbody>
</table>
Vacuum Generator—
Low-Profile Flexibility

Wherever space is limited, the VacuFlush®
low-profile vacuum generator is the perfect fit. The vacuum generator combines the pump and vacuum tank into one unit for easy installation – yet they can be installed separately for unique applications.

- New “whisper quiet” operation
- High-strength polyethylene tank
- Prewired and assembled – requires no solvent bonding
- 12 and 24 VDC

S Series Vacuum Pump

Connects to separate vacuum tank (see next page) for added installation versatility.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>317770012</td>
<td>S series low-profile vacuum generator, 12 VDC</td>
</tr>
<tr>
<td>317770024</td>
<td>S series low-profile vacuum generator, 24 VDC</td>
</tr>
<tr>
<td>317201200</td>
<td>S series vacuum pump, 12 VDC</td>
</tr>
<tr>
<td>317202400</td>
<td>S series vacuum pump, 24 VDC</td>
</tr>
</tbody>
</table>

S SERIES REQUIREMENTS

Electric: Amp draw – 6 amps (12 VDC); 3 amps (24 VDC).
          12 VDC – 10-amp fuse or circuit breaker.
          24 VDC – 5-amp fuse or circuit breaker.

Inlet: Vacuum generator – 1.5-in. (38 mm) ID PVC pipe or sanitation hose from VacuFlush toilet.
       Vacuum pump – 1.5-in. (38 mm) ID PVC pipe or sanitation hose from VacuFlush vacuum tank.

Discharge: 1.5-in. (38 mm) ID PVC pipe or sanitation hose connected to holding tank system.
Vacuum Pump—Maximum Power for Multiple Toilets

Install up to eight toilets and vacuum tanks to ONE vacuum pump with the super-powerful M series vacuum pump. It’s ideal for heavy-use applications such as charters or rentals.

- Quadra-Valve design passes foreign objects up to 1-in. (25 mm) dia.
- Heavy-duty bronze body
- Runs dry without damage
- 1/2 HP motor; 12 and 24 VDC, 115 VAC models

Vacuum Tank

Connected to any VacuFlush® vacuum pump, it stores a powerful vacuum force that evacuates the toilet bowl with every flush. Installs vertically, horizontally, or suspended from ceiling.

### M SERIES VACUUM PUMP REQUIREMENTS

**Electric:** Amp draw – 40 amps (12 VDC); 20 amps (24 VDC); 8 amps (115 VAC).
- 12 VDC – 50-amp fuse or circuit breaker.
- 24 VDC – 25-amp fuse or circuit breaker.
- 115 VAC – 10-amp fuse or circuit breaker.
- 3/4 HP motor models also available and require larger breaker/fuse.

**Inlet:** 1.5-in. (38 mm) ID PVC pipe or sanitation hose from VacuFlush vacuum tank.

**Discharge:** 1.5-in. (38 mm) ID PVC pipe or sanitation hose connected to holding tank system.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>317501200</td>
<td>M series vacuum pump, 12 VDC</td>
</tr>
<tr>
<td>317502400</td>
<td>M series vacuum pump, 24 VDC</td>
</tr>
<tr>
<td>317511500</td>
<td>M series vacuum pump, 115 VAC</td>
</tr>
<tr>
<td>317729100</td>
<td>Vacuum tank</td>
</tr>
</tbody>
</table>

**M SERIES VACUUM PUMP**

**VACUUM TANK**
Remote Flush Switches

- For use with all-ceramic VacuFlush electronic flush toilets.
- Vimar and Gewiss models complement popular marine electronic switches.
- Vimar and Gewiss mounting bezels must be purchased separately from manufacturer.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>313401012</td>
<td>Vimar white switch, 12 VDC</td>
</tr>
<tr>
<td>313401024</td>
<td>Vimar white switch, 24 VDC</td>
</tr>
<tr>
<td>313402012</td>
<td>Vimar gray switch, 12 VDC</td>
</tr>
<tr>
<td>313402024</td>
<td>Vimar gray switch, 24 VDC</td>
</tr>
<tr>
<td>313402212</td>
<td>Vimar gray vertical switch, 12 VDC</td>
</tr>
<tr>
<td>3134022224</td>
<td>Vimar gray vertical switch, 24 VDC</td>
</tr>
<tr>
<td>313403012</td>
<td>Gewiss gray switch, 12 VDC</td>
</tr>
<tr>
<td>313403024</td>
<td>Gewiss gray switch, 24 VDC</td>
</tr>
<tr>
<td>313404112</td>
<td>Dometic black switch, 12 VDC</td>
</tr>
<tr>
<td>313404124</td>
<td>Dometic black switch, 24 VDC</td>
</tr>
</tbody>
</table>

VacuStat™ Indicator Panel and VacuFlush “Do Not Flush” Panel

- VacuStat panel continuously monitors status of vacuum for proper toilet operation.
- “Do Not Flush” panel’s red light indicates full holding tank (when installed with a tank level monitoring system) and when there is insufficient vacuum for proper toilet operation.
- Brushed metallic look complements bath décor.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>313700012</td>
<td>VacuStat indicator panel, 12 VDC</td>
</tr>
<tr>
<td>313700024</td>
<td>VacuStat indicator panel, 24 VDC</td>
</tr>
<tr>
<td>313720012</td>
<td>Do Not Flush panel, 12 VDC</td>
</tr>
<tr>
<td>313720024</td>
<td>Do Not Flush panel, 24 VDC</td>
</tr>
</tbody>
</table>

Dometic® Tank Monitor System

- The most flexible level indicator available.
- Continuously monitors holding tank level. Micro float switches indicate empty, low, mid and full. International symbology for universal use.
- Always one – and only one – light on. Eliminates confusion.
- No false readings. No electrical components come in contact with waste or water. Operates on 12- or 24-volt DC.
- Easy to install. Use on any size fresh, gray or black water tank. Available with either 22-inch or 45-inch adjustable probes.
- Optional relay shuts down toilet when waste tank is full or shuts down water pump when freshwater tank is empty.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>313604001</td>
<td>DTM4 panel, probe cap with vent, 22-in. probes</td>
</tr>
<tr>
<td>313604002</td>
<td>DTM4 panel, probe cap, 22-in. probes</td>
</tr>
<tr>
<td>360604003</td>
<td>DTM4 panel, probe cap with vent, 45-in. probes</td>
</tr>
<tr>
<td>360604004</td>
<td>DTM4 panel, probe cap, 45-in. probes</td>
</tr>
<tr>
<td>313000350</td>
<td>Probe cap with vent, 22-in. probes</td>
</tr>
<tr>
<td>313000355</td>
<td>Probe cap, 22-in. probes</td>
</tr>
<tr>
<td>313000345</td>
<td>Probe cap with vent, 45-in. probes</td>
</tr>
<tr>
<td>313000346</td>
<td>Probe cap, 45-in. probes</td>
</tr>
</tbody>
</table>
VacuFlush Status Panel

- Provides guest-proof operation.
- Indicates when the vacuum level is ready for flushing.
- Convenient circuit breaker switch allows the system to be shut down at night.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>313500012</td>
<td>VacuFlush status panel, 12 VDC</td>
</tr>
<tr>
<td>313500024</td>
<td>VacuFlush status panel, 24 VDC</td>
</tr>
</tbody>
</table>

TankMaster™ 4 Automatic Discharge Pump Control

- Diverts sewage directly overboard in unrestricted waters when holding tank reaches mid level and keyed control switch is set to “automatic” position.
- Prevents accidental overboard discharge in restricted waters when control switch is turned to “off” position.
- Simplifies plumbing by eliminating wye valves, seacocks and vented loops. Eliminates stagnating sewage trapped in hoses.
- Includes control panel with keyed switch, discharge pump light and optional seacock light. For use with discharge pump, TankWatch 4 level monitor system and optional seacock interlock system.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>313814012</td>
<td>TankMaster 4, 12 VDC</td>
</tr>
<tr>
<td>313814024</td>
<td>TankMaster 4, 24 VDC</td>
</tr>
</tbody>
</table>

TankManager™ Discharge Pump Controller and Automatic Level Indicator

- Complete sanitation management system for offshore boats.
- Monitors holding tank level.
- Includes control panel and control module.
- For use with SeaLand discharge pump and TankWatch® 4 system (sold separately).
- Optional model available for use with SeaLand seacock interlock relay.
- 12 VDC and 24 VDC systems.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>313131012</td>
<td>TankManager, manual start, single head, 12 VDC</td>
</tr>
<tr>
<td>313131024</td>
<td>TankManager, manual start, single head, 24 VDC</td>
</tr>
<tr>
<td>313131112</td>
<td>TankManager, manual start, seacock light, single head, 12 VDC</td>
</tr>
<tr>
<td>313131124</td>
<td>TankManager, manual start, seacock light, single head, 24 VDC</td>
</tr>
<tr>
<td>313131212</td>
<td>TankManager, manual start, multiple head, 12 VDC</td>
</tr>
<tr>
<td>313131224</td>
<td>TankManager, manual start, multiple head, 24 VDC</td>
</tr>
<tr>
<td>313131312</td>
<td>TankManager, manual start, seacock light, multiple head, 12 VDC</td>
</tr>
<tr>
<td>313131324</td>
<td>TankManager, manual start, seacock light, multiple head, 24 VDC</td>
</tr>
</tbody>
</table>
VACUFLUSH® HTS SERIES

HTS-VG Models—Holding Tank Systems with Built-in Vacuum Generators

Virtually any boat from 19 feet in length and longer can feature a complete VacuFlush toilet system. Many HTS-VG models include level indicators, vacuum relief valve, vent filter and discharge pump for added convenience and reliability.

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity (gal./liters)</th>
<th>Empty Weight (lbs./kg)</th>
<th>Maximum Weight (lbs./kg)</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 HTS-VG</td>
<td>10 / 38</td>
<td>36 / 16.3</td>
<td>116 / 52.6</td>
<td>see pg. 22</td>
</tr>
<tr>
<td>18 HTS-VG</td>
<td>18 / 68</td>
<td>39 / 17.7</td>
<td>183 / 83</td>
<td>see pg. 22</td>
</tr>
<tr>
<td>21 HTS-VG</td>
<td>21 / 80</td>
<td>52 / 24</td>
<td>220 / 100</td>
<td>see pg. 22</td>
</tr>
<tr>
<td>28 HTS-VG</td>
<td>27.5 / 104</td>
<td>56.5 / 25.6</td>
<td>277 / 126</td>
<td>see pg. 22</td>
</tr>
<tr>
<td>28 HTS-VG-HL</td>
<td>28 / 106</td>
<td>56.5 / 25.6</td>
<td>281 / 128</td>
<td>see pg. 22</td>
</tr>
<tr>
<td>35 HTS-VG</td>
<td>35 / 132</td>
<td>58 / 26.3</td>
<td>338 / 153</td>
<td>see pg. 22</td>
</tr>
<tr>
<td>39 HTS-VG</td>
<td>39 / 148</td>
<td>84 / 38</td>
<td>396 / 180</td>
<td>see pg. 22</td>
</tr>
<tr>
<td>40 HTS-VG</td>
<td>40 / 151</td>
<td>80 / 36.4</td>
<td>440 / 200</td>
<td>see pg. 23</td>
</tr>
<tr>
<td>42 HTS-VG</td>
<td>42 / 159</td>
<td>70 / 31.8</td>
<td>406 / 184</td>
<td>see pg. 23</td>
</tr>
<tr>
<td>55 HTS-VG</td>
<td>55 / 208</td>
<td>90 / 40.8</td>
<td>530 / 240</td>
<td>see pg. 23</td>
</tr>
<tr>
<td>80 HTS-VG</td>
<td>80 / 302</td>
<td>90 / 40.8</td>
<td>730 / 331</td>
<td>see pg. 23</td>
</tr>
</tbody>
</table>

*All vacuum generators include W-series pump motor and VacuFlush shutdown relay.
- New "whisper quiet" operation
- Leak-proof, high-strength polyethylene holding tank
- Prewired and assembled—requires no solvent bonding
- 12 and 24 VDC models
- ISO/USCG compliant tanks
- Implosion-protected against high-powered dockside vacuum pumps

### VACUFLUSH HOLDING TANK SYSTEM REQUIREMENTS

**Electric:** Vacuum generator† – 10 amps (12 VDC); 5 amps (24 VDC). Level indicator – 3 amps (12 VDC); 3 amps (24 VDC). Discharge pump† – 10 amps (12 VDC); 5 amps (24 VDC).

† Requires separate circuit breaker.

**Plumbing:** Inlet fitting – 1.5-in. (38 mm) ID PVC pipe or sanitation hose from VacuFlush toilet. Discharge fittings – 1.5-in. (38 mm) ID PVC pipe or sanitation hose. Vent outlet – 5/8-in. (16 mm) ID

<table>
<thead>
<tr>
<th>Vacuum Generator (qty.)*</th>
<th>TankWatch System</th>
<th>TankSaver Relief Valve</th>
<th>Outlets (qty.)</th>
<th>Discharge Pump</th>
<th>Vent Filter</th>
</tr>
</thead>
<tbody>
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</table>

Specifications subject to change without notice.
# SEALAND HTS SERIES

## HTS-Basic Model

A high-quality, odor-free holding tank system can be installed in virtually any boat with this wide selection of SeaLand holding tank systems. Top-mounted discharge fittings prevent potential leaks, and all models feature many other performance advantages.

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity (gal./liters)</th>
<th>Empty Weight (lbs./kg)</th>
<th>Maximum Weight (lbs./kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Models including Discharge Pump</strong></td>
<td></td>
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<tr>
<td>10 HTS-T</td>
<td>10 / 38</td>
<td>18 / 8.2</td>
<td>98 / 40.9</td>
</tr>
<tr>
<td>28 HTS-T</td>
<td>27.5 / 104</td>
<td>40 / 18</td>
<td>260 / 118</td>
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<tr>
<td>40 HTS-T</td>
<td>40 / 151</td>
<td>44 / 20</td>
<td>364 / 165</td>
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<tr>
<td><strong>Basic Models</strong></td>
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<td></td>
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<tr>
<td>12 HTS-VRT</td>
<td>11 / 42</td>
<td>20 / 9.1</td>
<td>108 / 49</td>
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<tr>
<td>12 HTS-HRZ</td>
<td>11 / 42</td>
<td>20 / 9.1</td>
<td>108 / 49</td>
</tr>
<tr>
<td>12 HTS-HL</td>
<td>12 / 45</td>
<td>22 / 10</td>
<td>118 / 53.5</td>
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<tr>
<td>15 HTS-VRT</td>
<td>15 / 57</td>
<td>25 / 11.3</td>
<td>145 / 65.8</td>
</tr>
<tr>
<td>15 HTS-HRZ</td>
<td>15 / 57</td>
<td>25 / 11.3</td>
<td>145 / 65.8</td>
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<tr>
<td>20 HTS-VRT</td>
<td>18 / 68</td>
<td>27 / 12.2</td>
<td>171 / 77.6</td>
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<td>20 HTS-HRZ</td>
<td>18 / 68</td>
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<td>171 / 77.6</td>
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<td>25 / 94</td>
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<td>231 / 105</td>
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<td>28 / 106</td>
<td>37 / 16.8</td>
<td>261 / 118</td>
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<td>30 HTS-HRZ</td>
<td>28 / 106</td>
<td>37 / 16.8</td>
<td>261 / 118</td>
</tr>
<tr>
<td>35 HTS-HL</td>
<td>35 / 132</td>
<td>38 / 17.2</td>
<td>318 / 144</td>
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<td>40 HTS-HRZ</td>
<td>34 / 129</td>
<td>41 / 18.6</td>
<td>313 / 142</td>
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<td>50 / 189</td>
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<td>453 / 205</td>
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<td>50 / 189</td>
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<td>453 / 205</td>
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<td>55 / 208</td>
<td>53 / 24</td>
<td>493 / 224</td>
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<td>80 HTS-HRZ</td>
<td>80 / 302</td>
<td>54 / 24.5</td>
<td>694 / 315</td>
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</table>

Specifications subject to change without notice.
- Leak-proof, high-strength polyethylene holding tank
- 12 and 24 VDC models (HTS-T models)
- ISO/USCG compliant tanks
- Multiple discharge outlets eliminate extra plumbing connections
- Implosion-protected against high-powered dockside vacuum pumps
- HTS upgrades with other Dometic Sanitation products are easy

### SEALAND HOLDING TANK SYSTEM REQUIREMENTS

**Electric:**
- Level indicator – 3 amps (12 VDC); 3 amps (24 VDC).
- Discharge pump† – 10 amps (12 VDC); 5 amps (24 VDC).

† Requires separate circuit breaker.

**Plumbing:**
- Inlet fitting – 1.5-in. (38 mm) ID PVC pipe or sanitation hose from VacuFlush toilet.
- Discharge fittings – 1.5-in. (38 mm) ID PVC pipe or sanitation hose.
- Vent outlet – 5/8-in. (16mm) ID

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>TankWatch System</th>
<th>TankSaver Relief Valve</th>
<th>Outlets (qty.)</th>
<th>Discharge Pump</th>
<th>Vent Filter</th>
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<td>see pg. 25</td>
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</tbody>
</table>
HTS-VG MODEL DIMENSIONS

10 HTS-VG
Height: 16 in./406 mm
Width: 10.875 in./276 mm
Length: 32.375 in./822 mm
Item: 322711012 – 12V
Item: 322101024 – 24V

18 HTS-VG
Height: 23 in./584 mm
Width: 15.25 in./387 mm
Length: 29.125 in./740 mm
Item: 322711812 – 12V
Item: 322011824 – 24V

21 HTS-VG
Height: 22 in./559 mm
Width: 20 in./508 mm
Length: 25 in./635 mm
Item: 322702112 – 12V
Item: 322702124 – 24V

28 HTS-VG-HL
Height: 19.625 in./498 mm
Width: 24.25 in./616 mm
Length: 38.5 in./978 mm
Item: 322722812 – 12V
Item: 322722824 – 24V

28 HTS-VG
Height: 19.75 in./502 mm
Width: 19.25 in./489 mm
Length: 36.75 in./933 mm
Item: 322712812 – 12V
Item: 322712824 – 24V

35 HTS-VG
Height: 21.5 in./546 mm
Width: 22.5 in./572 mm
Length: 32 in./833 mm
Item: 322713512 – 12V
Item: 322013524 – 24V

39 HTS-VG
Height: 21.5 in./546 mm
Width: 18.5 in./470 mm
Length: 51 in./1295 mm
Item: 322703912 – 12V
Item: 322703924 – 24V
**HTS-T MODEL DIMENSIONS**

**40 HTS-VG**
- Height: 28.5 in./724 mm
- Width: 22 in./559 mm
- Length: 32 in./813 mm
- Item: 322714012 – 12V
- Item: 322714024 – 24V

**42 HTS-VG**
- Height: 25.25 in./641 mm
- Width: 18 in./457 mm
- Length: 44.5 in./1130 mm
- Item: 322714212 – 12V
- Item: 322714224 – 24V

**55 HTS-VG**
- Height: 24 in./610 mm
- Width: 21.5 in./546 mm
- Length: 40 in./1016 mm
- Item: 322715512 – 12V
- Item: 322715524 – 24V

**80 HTS-VG**
- Height: 17.5 in./445 mm
- Width: 28 in./711 mm
- Length: 76 in./1930 mm
- Item: 322718012 – 12V
- Item: 322710824 – 24V

**10 HTS-T**
- Height: 13.25 in./635 mm
- Width: 19.5 in./495 mm
- Length: 23.375 in./594 mm
- Item: 322721012 – 12V
- Item: 322721024 – 24V

**28 HTS-T**
- Height: 19.5 in./495 mm
- Width: 19 in./483 mm
- Length: 30 in./762 mm
- Item: 322012812 – 12V
- Item: 322012824 – 24V

**40 HTS-T**
- Height: 20 in./508 mm
- Width: 21 in./533 mm
- Length: 35 in./889 mm
- Item: 322014012 – 12V
- Item: 322014024 – 24V
**HTS-BASIC MODEL DIMENSIONS**

**12 HTS-VRT**
- Height: 17.75 in./451 mm
- Width: 8.25 in./210 mm
- Length: 24.5 in./622 mm
- Item: 322840122

**12 HTS-HL**
- Height: 1.25 in./311 mm
- Width: 17.25 in./438 mm
- Length: 30 in./762 mm
- Item: 322800121

**15 HTS-HRZ**
- Height: 15 in./381 mm
- Width: 19 in./483 mm
- Length: 22 in./559 mm
- Item: 322840151

**15 HTS-VRT**
- Height: 21.5 in./546 mm
- Width: 12.5 in./318 mm
- Length: 22 in./559 mm
- Item: 322840152

**20 HTS-VRT**
- Height: 16.75 in./425 mm
- Width: 11.5 in./292 mm
- Length: 24.5 in./622 mm
- Item: 322840152

**20 HTS-HRZ**
- Height: 10.75 in./273 mm
- Width: 15.25 in./387 mm
- Length: 24.5 in./622 mm
- Item: 322840121

**25 HTS-HRZ**
- Height: 20.5 in./521 mm
- Width: 17 in./432 mm
- Length: 21 in./533 mm
- Item: 322800251
**T-Series Discharge Pump**

- Runs dry without harm.
- Patented bellows pump can run dry without damage.
- Draws only 6 amps at 12-volt DC.
- Self-priming up to 10 feet (3.3 meters) of water.
- Handles up to 300 gallons (1136 liters) per hour.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>317301200</td>
<td>T series discharge pump, 12 VDC</td>
</tr>
<tr>
<td>317302400</td>
<td>T series discharge pump, 24 VDC</td>
</tr>
</tbody>
</table>

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**SeaLand OdorSafe® Plus Sanitation Hose**

- Best odor barrier of any marine hose available.
- Five-year limited warranty.
- Up to 500% greater resistance to odor permeation than the so-called “no-odor” marine hoses!
- Available in 1-1/2-inch (38 mm) for waste line. Sold in 50 ft. (15.2 m) coils.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>306342871</td>
<td>1-1/2 in. (38 mm) ID x 50 ft. (15.2 m) OdorSafe Plus hose</td>
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</tbody>
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**SeaLand MaxFlex Sanitation Hose**

- Very flexible, high-quality hose for multiple sanitation system uses.

<table>
<thead>
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<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>306341116</td>
<td>1-1/2 in. (38 mm) ID x 50 ft. (15.2 m) MaxFlex hose</td>
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<tr>
<td>306341145</td>
<td>1 in. (25 mm) ID x 50 ft. (15.2 m) MaxFlex hose</td>
</tr>
<tr>
<td>306341628</td>
<td>3/4 in. (19 mm) ID x 50 ft. (15.2 m) MaxFlex hose</td>
</tr>
<tr>
<td>306342590</td>
<td>3/4 in. (19 mm) ID x 100 ft. (30.4 m) MaxFlex hose</td>
</tr>
<tr>
<td>306345650</td>
<td>5/8 in. (16 mm) ID x 50 ft. (15.2 m) MaxFlex hose</td>
</tr>
<tr>
<td>306345688</td>
<td>5/8 in. (16 mm) ID x 100 ft. (30.4 m) MaxFlex hose</td>
</tr>
</tbody>
</table>
Seacock Interlock System

- Prevents discharge pump from operating when seacock is closed.
- Waterproof switch is mounted with a 316-grade stainless steel bracket to resist corrosion.
- Optional output signals “Check Seacock” light when seacock is closed.
- Includes switch, mounting bracket and 30-amp control relay. Switch is ignition prevention tested for engine room installation.
- Fits 1-1/2-inch Conbraco flanged seacock valve. Designed to operate with T-series discharge pump.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>385310651</td>
<td>Seacock interlock switch and relay for Conbraco 7014701</td>
</tr>
<tr>
<td>385310705</td>
<td>Seacock interlock switch and relay for Groco BV1500</td>
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</tbody>
</table>

SaniGard™ Holding Tank Vent Filter

- Stops odors that escape from the holding tank vent.
- Contains odor-removing filter materials to keep boat smelling clean and pleasant.
- Each cartridge lasts for an entire season and is easily replaced for a fresh start.
- Vent filter includes mounting brackets and hose adapters.

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>309310002</td>
<td>5/8 in. (16 mm) vent filter, bracket</td>
</tr>
<tr>
<td>309310007</td>
<td>3/4 in. (19 mm) vent filter, bracket</td>
</tr>
<tr>
<td>309310005</td>
<td>1 in. (25 mm) vent filter, bracket</td>
</tr>
<tr>
<td>309310003</td>
<td>1-1/2 in. (38 mm) vent filter, bracket</td>
</tr>
</tbody>
</table>
Dometic Corporation is a customer-driven, world-leading provider of innovative leisure products for the caravan, motorhome and marine markets. Dometic offers a complete range of air conditioners, refrigerators, awnings, cookers, sanitation systems, lighting, windows, doors and other equipment that makes leisure life more comfortable away from home.

Dometic also provides refrigerators for specific use in hotel rooms, offices and for storage of medical products and wine. Dometic’s products are sold in almost 100 countries and are produced mainly in Dometic’s own production facilities around the world. Dometic has more than 4,400 employees.

**Dometic Sanitation Corporation**

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SeaLand Product Hotline •1-800-321-9886
www.DometicSanitation.com