2010 Product Update Guide

- Vacuum Toilet Systems
- Macerator Toilets
- Gravity Toilets
- Accessories

SeaLand®
by Dometic GROUP

Dometic Corporation, Sanitation Division

Updated as of April 1, 2010
Changes Highlighted in Green

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Introduction

This document provides a summary of product changes that will happen to the Dometic line of toilet systems for Marine, RV, Camping and Public Sanitation applications coming in 2010.

This guide has multiple purposes which include:

- Introduce new models that greatly expand our range of products

- Simplify part numbers for most popular-selling current toilets

- Eliminate obsolete models with cross-reference to new models

- Highlight product improvements and enhancements

It is divided into the sections shown on the following page.

IMPORTANT TO KNOW

Open and Restricted Distribution: Our product offering is very wide in terms of the technical support required to ensure reliable installation. It ranges from simple portable toilets to very complex systems for large vessels. If you have a question in regard to distribution of specific products, please contact the appropriate Dometic person listed on page 36.

Mainline Products: We have reduced the number of product variants to models that are likely to be the most popular. In some cases, we have added an extra fitting or two to be able to reduce the number of models.

Customized Models: For OEM customers who desire a more customized model configuration and will order a reasonable number of the same units in one year, we can meet their needs when possible by creating a unique part number for that specific model.

Single Pack versus Pallet Pack: On some models we offer a pallet pack option for bulk shipments of ceramic toilets to one final destination. Each toilet is individually packaged without any internal protection. Individual toilets from pallet packed shipments cannot be forward shipped.

Contents

Vacuum Systems

What's New

4600 Series Toilet, Flat Back

4700 Series Toilet, Elongated Seat

4800 Series Toilet, Toilet/Bidet & Bidet

Flush Control Circuit with Dry Bowl Option

Toilets with Integrated Bidets

Discontinued Models

Magnum Opus Series

3600 Series

VacuFlush® - New 4600 Series Toilet

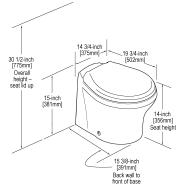Same basic features and functions of the 4800 series with flat back to install against bulkhead.

Models listed below **do not include a flush panel** (see page 28). Comes with new slow- close seat. Discharge outlet is 1.5-inches ID/38mm.
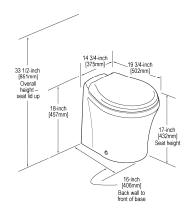The integrated toilet/bidet will be available later in 2010.

Ideal replacement for Tecma Silence* series with flat back installation.   *Tecma Silence is a trademark of Thetford Corp.

Available 4th Quarter 2010

Dimensions

4600 Series Mainline Models

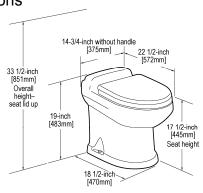| Model	Outlet	Height	Voltage	Color	Part Number
4606	Through Floor	Low-Profile	12	White	317463131
4606	Through Floor	Low-Profile	24	White	317463141
4606	Through Floor	Low-Profile	12	Bone	317463133
4606	Through Floor	Low-Profile	24	Bone	317463143
4609	Through Floor	Standard	12	White	317463231
4609	Through Floor	Standard	24	White	317463241
4609	Through Floor	Standard	12	Bone	317463233
4609	Through Floor	Standard	24	Bone	317463243
4648	Above Floor	Standard	12	White	317466231
4648	Above Floor	Standard	24	White	317466241
4648	Above Floor	Standard	12	Bone	317466233
4648	Above Floor	Standard	24	Bone	317466243

VacuFlush® - New 4700 Series Toilet

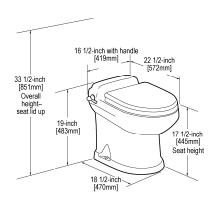Same features and functions as 4800 series with deluxe styling and flat back design.

Models listed below do not include a flush panel (see page 28). Comes with an elongated opening wood seat.
Service switch is easily accessible on back ledge.
Discharge outlet is 1.5-inches ID/38mm.
Available only in standard height.

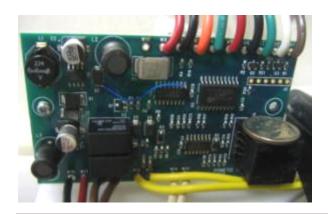Excellent fixture for larger yachts and houseboats.

Available April 2010

Dimensions

4700 Series Mainline Models

Model	Outlet	Height	Voltage	Color	Flush Activation*	Part Number
4709	Through Floor	Standard	12	White	Flush Panel (Sold Separately)	317472231
4709	Through Floor	Standard	24	White	Flush Panel (Sold Separately)	317472241
4709	Through Floor	Standard	12	White	Flush Lever-Chrome	317472251
4709	Through Floor	Standard	24	White	Flush Lever-Chrome	317472281
4709	Through Floor	Standard	12	Bone	Flush Panel (Sold Separately)	317472233
4709	Through Floor	Standard	24	Bone	Flush Panel (Sold Separately)	317472243
4709	Through Floor	Standard	12	Bone	Flush Lever-Chrome	317472253
4709	Through Floor	Standard	24	Bone	Flush Lever-Chrome	317472283
4748	Above Floor	Standard	12	White	Flush Panel (Sold Separately)	317475231
4748	Above Floor	Standard	24	White	Flush Panel (Sold Separately)	317475241
4748	Above Floor	Standard	12	White	Flush Lever-Chrome	317475251
4748	Above Floor	Standard	24	White	Flush Lever-Chrome	317475281
4748	Above Floor	Standard	12	Bone	Flush Panel (Sold Separately)	317475233
4748	Above Floor	Standard	24	Bone	Flush Panel (Sold Separately)	317475243
4748	Above Floor	Standard	12	Bone	Flush Lever-Chrome	317475253
4748	Above Floor	Standard	24	Bone	Flush Lever-Chrome	317475283

*Flush handles also available in Gold and Nickel. Ceramic also available in Ebony.
Contact Customer Service for special item numbers.

Vacuum Systems –Flush Control for 4600, 4700 and 4800

New flush control circuit provides 4600, 4700 and 4800 Series with new functions, including the ability to set refill water to a "Normal" level or a to a "Dry Bowl" level to prevent splashing in rough seas. To switch from one mode to the other, one just depresses the flush switch or flush handle for five seconds. In addition, the circuit also provides a low vacuum shut-off and full holding tank level shut-down to prevent user error.

New Flush Control Circuit for 4600, 4700 and 4800 Series VacuFlush toilets. All components are surface-mounted.

VacuFlush® - 4800 Series Toilet

(Item numbers have not been changed)

4800 Series Mainline Models

Model	Outlet	Height	Voltage	Color	Part Number
4806	Through Floor	Low-Profile	12	White	317148061
4806	Through Floor	Low-Profile	12	Bone	317148063
4806	Through Floor	Low-Profile	24	White	317248061
4806	Through Floor	Low-Profile	24	Bone	317248063
4809	Through Floor	Standard	12	White	317148091
4809	Through Floor	Standard	12	Bone	317148093
4809	Through Floor	Standard	24	White	317248091
4809	Through Floor	Standard	24	Bone	317248093
4848	Above Floor	Standard	12	White	317148481
4848	Above Floor	Standard	12	Bone	317148483
4848	Above Floor	Standard	24	White	317248481
4848	Above Floor	Standard	24	Bone	317248483

VacuFlush® - New 4800 Series Integrated Toilet/Bidets and Free-standing Bidets

These models have a single handle faucet mounted on toilet side to control water temperature of aerated water fountain in bowl. Models listed below do not include a flush panel (see page 28).

Fits in same footprint as 4800 (sloped back) bowl shapes. Discharge outlet is 1/5-inches ID/38mm.

Separate, free-standing bidets that match the 4800 sloped back are also available in low-profile or standard heights.

Available April 2010 (white only)

4800 Series Vacuum Toilet with Integrated Bidet Mainline Models

Model	Outlet	Height	Voltage	Color	Item Number
4826	Through Floor	Low-Profile	12	White	317483331
4826	Through Floor	Low-Profile	24	White	317483341
4828	Above Floor	Standard	12	White	317483431
4828	Above Floor	Standard	24	White	317483441
4829	Through Floor	Standard	12	White	317486431
4829	Through Floor	Standard	24	White	317486441

4800 Series Free-standing Bidets

Model	Height	Color	Item Number
4801	Standard	White	302480101
4801	Standard	Bone	302480103
4802	Low-Profile	White	302480201
4802	Low-Profile	Bone	302480203

Faucet **is not** included with free-standing bidets.

Integrated Toilet/Bidet

4800 VacuFlush or 8900 MasterFlush with Free-standing bidet.

Vacuum Systems – Vacuum Generators and Vacuum Holding Tanks

Mainline Models

Model	Description	Voltage	Item Number
VGLP	Vacuum Generator, Low-Profile (Vacuum Pump, Tank and Switch in One Compact Package) One per Vacuum Toilet.	12	317770012
		24	317770024
VG4	Vacuum Generator (Vacuum Pump, Tank and Switch in One Compact Package) One per Vacuum Toilet.	12	317780012
		24	317780024
VT	Vacuum Tank (Vacuum Tank and Switch in One Compact Package) One per Vacuum Toilet.		317729100
S-Pump	Vacuum Pump Only. One per Vacuum Toilet.	12	317201200
		24	317202400
M-Pump	Vacuum Pump Only. Can handle up to eight vacuum toilets per pump.	115 AC	317511500
		12	317501200
		24	317502400

Vacuum Systems – 140 Series Toilet and Vacuum Holding Tank Changes

Vacuum Holding Tanks (VHT) incorporates a holding tank, vacuum tank, vacuum pump and switch in one package. VHT models include the VHT12 and the VHT4500.   After December 31, 2009, the only vacuum toilet series that can be installed with a VHT system will be the 140 series. The 140 series toilet is equipped with a locking device on the foot pedal which will hold the pedal open during the discharge of the tank. This feature also permits rinse water to enter the tank during the emptying procedure.

Another change to the 140 series will be the addition of the new model 146 with a through floor outlet. An elbow can be solvent bonded to the model 146 PVC discharge fitting. All model 140 series models were changed to include the pedal locking device on the pedal as of May 2009.   See Mainline Item Numbers on next page.

Vacuum Relief Valve will be removed.

VHT 12

VHT 4500

New Pedal lock on 140 Series operates with tip of toe.

New through-floor outlet available on Model 146

Vacuum Holding Tanks and 140 Series Vacuum Toilets

Model	Description	Voltage Color	Part Number
VHT12	VHT 12 combines 6.5 gallon (25 liter) holding tank, vacuum pump and switch. Includes "Full" level probe and automatic shutdown when full.	12	317769012
VHT4502	VHT4500 combines 9.0 gallon (34 liter) holding tank, vacuum pump and switch. Includes "Full" level probe and automatic shutdown when full. Has vertical outlet to deck fitting as shown in photo on page 9. Discharge Pump **not** included.	12	317704502
VHT4502	VHT4500 combines 9.0 gallon (34 liter) holding tank, vacuum pump and switch. Includes "Full" level probe and automatic shutdown when full. Has swivel outlet to deck fitting as shown in photo on page 9. Discharge Pump included.	12	317704511
146	Foot pedal operated vacuum toilet with through floor discharge.	White	317014601
147	Foot pedal operated vacuum toilet with above floor right side discharge (opposite side as pedal).	White	317014701
148	Foot pedal operated vacuum toilet with above floor right side rear discharge.	White	317014801
149	Foot pedal operated vacuum toilet with above floor left side discharge (same side as pedal).	White	317014901
Inlets and outlets are 1.5-inched ID(38 mm)			

Vacuum Systems – Discontinued Models

As previously announced, we are discontinuing the production of the Magnum Opus (3000 and 3300 series) and the 3600 series vacuum toilets. **Effective October 1, 2009 we will only ship bowls that we have in inventory**. After the inventory is depleted, it will not be replaced.

Series	Height	Suggested Equivalent Toilet Series	See Page
3000	Standard	4700 has a similar seat size and footprint.	6
3000	Low-Profile	4600 or 4800 low-profile	5, 7
3600	Standard	4700 has a similar seat size and footprint.	6
3600	Low-Profile	4600 or 4800 low-profile	5, 7
3600	Integrated Bidet	4600 or 4800, low-profile or standard, integrated bidet	8
3600	Free Standing Bidet	4800 Bidet, low-profile or standard	8

3000 Series   3600 Series

Notes

Macerator Toilets

What's New

8100 Series, Value Priced Models

8600 Series, Flat Back Design

8700 Series, Elongated Seat

8900 Series, Simplified Part Numbers

Toilets with Integrated Bidets
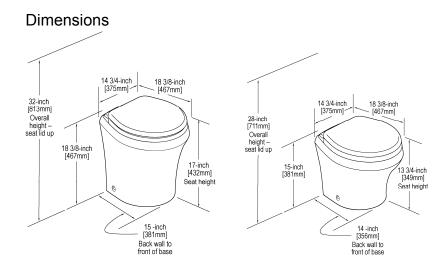
Discontinued Models

8800 Series

MasterFlush – New 8100 Series Toilet

Value model of the macerator line. Same styling as the 8900 Series but with wood seat. Flush is controlled by three manual switches (no control module).

Our Dometic Switch is included with unit.
The panel has one switch for flush activation and one for "add water" and "dry bowl" functions. Models below come with 1-inch (25mm) straight, 1.5-inch (38mm) straight and 90° elbow outlets (through or above the floor).

Available

Dimensions

8100 Series Mainline Models

Model	Height	Voltage	Color	Item Number
8112	Low-Profile	12	White	304811201
8116	Low-Profile	24	White	304811601
8152	Standard	12	White	304815201
8156	Standard	24	White	304815601

All MasterFlush toilets (8100, 8600, 8700 and 8900 series) can easily be converted to a 1-inch (25mm) discharge line by using the new 1-inch discharge adapter part number 385880072 (sold separately).
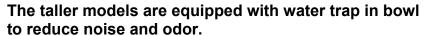
MasterFlush – New 8600 Series Toilet

Same features and functions of the 8900 with flat back to install against bulkhead.

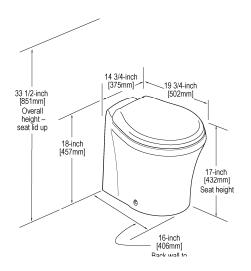Slow-Close seats are provided on white units and bone units have standard seats. Dometic Touchpad flush panel included. Models below come with 1-inch (25mm) straight, 1.5-inch (38mm) straight and 90° elbow outlets (through or above the floor).
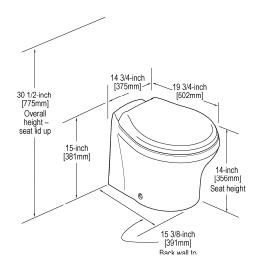
The taller models are equipped with water trap in bowl to reduce noise and odor.

Available April 2010

Dimensions

8600 Series Mainline Models

Model	Height	Voltage	Color	Item Number
8639	Low-Profile	12	White	304863901
8630	Low-Profile	24	White	304863001
8639	Low-Profile	12	Bone	304863902
8630	Low-Profile	24	Bone	304863002
8679	Standard	12	White	304867901
8670	Standard	24	White	304867001
8679	Standard	12	Bone	304867902
8670	Standard	24	Bone	304867002

MasterFlush – New 8700 Series Toilet

Same features and functions as 8900 Series with deluxe styling and flat back design. Integral water trap provides quiet yet effective flushing action.
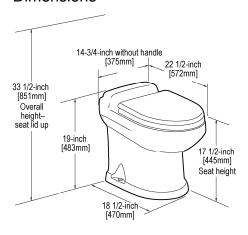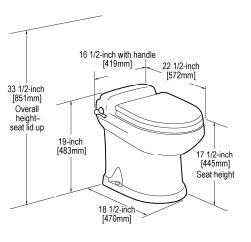
Models below come with standard Dometic Touchpad flush panel or toilet mounted flush lever and a wood seat with elongated opening.

Models below come with 1-inch (25mm) straight, 1.5-inch (38mm) straight and 90° elbow outlets (through or above the floor).

Available

Dimensions

8700 Series Mainline Models

Model	Height	Voltage	Color	Flush Activation*	Item Number
8759	Standard	12	White	Flush Lever - Chrome	304875971
8759	Standard	12	White	Flush Panel (Included)	304875901
8750	Standard	24	White	Flush Lever - Chrome	304875071
8750	Standard	24	White	Flush Panel (Included)	304875001
8759	Standard	12	Bone	Flush Lever - Chrome	304875972
8759	Standard	12	Bone	Flush Panel (Included)	304875902
8750	Standard	24	Bone	Flush Lever - Chrome	304875072
8750	Standard	24	Bone	Flush Panel (Included)	304875002

*Flush handles also available in Gold and Nickel. Ceramic also available in Ebony.
Contact Customer Service for special item numbers.

MasterFlush – 8900 Series Toilets
Simplified Item Numbering

To simplify inventory management of the 8900 toilets, Dometic has converted the 8900 series into the following Mainline item numbers.
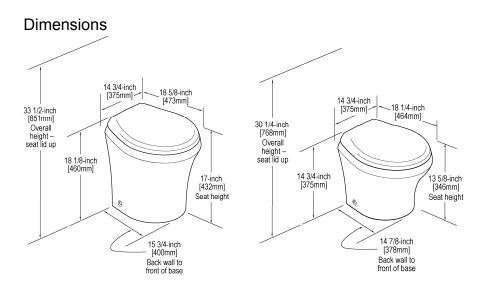
Dometic Touchpad flush panel included. Models below come with slow-close seats, 1-inch (25mm) straight, 1.5-inch (38mm) straight and 90° elbow outlets (through or above the floor).

Available

Dimensions

8900 Series Mainline Models

Model	Height	Voltage	Color	Item Number
8939	Low-Profile	12	White	304893901
8930	Low-Profile	24	White	304893001
8939	Low-Profile	12	Bone	304893902
8930	Low-Profile	24	Bone	304893002
8979	Standard	12	White	304897901
8970	Standard	24	White	304897001
8979	Standard	12	Bone	304897902
8970	Standard	24	Bone	304897002

MasterFlush – 8600 and 8900 Series Integrated Toilet/Bidet

New MasterFlush toilets with integrated bidet feature will be available starting in 2010. These models have a single handle faucet mounted on toilet side to control water temperature of aerated water fountain in bowl. Fits in same footprint as 8900 (sloped back) or 8600 (flat back) bowl shapes.

8900 Available April 2010 in White Only.
8600 Available 4th Quarter 2010.

Note that separate, free standing bidets that match the 8900 sloped back are also available in low-profile or standard heights. (See Page 8)

8900 Series Toilet with Integrated Bidet Mainline Models

Model	Height	Voltage	Flush Switch Option	Color	Item Number
8949	Low-Profile	12	Includes Dometic Touchpad (Black)	White	304894901
8940	Low-Profile	24			304894001
8989	Standard	12			304898901
8980	Standard	24			304898001
8949	Low-Profile	12	Flush Switch Not Included		304894941
8940	Low-Profile	24			304894041
8989	Standard	12			304898941
8980	Standard	24			304898041

All outlets are 1-inch (25mm) & 1.5-inches (38mm).

8600 Series Toilet with Integrated Bidet Mainline Models

Model	Height	Voltage	Flush Switch Option	Color	Item Number
8649	Low-Profile	12	Includes Dometic Touchpad (Black)	White	304864901
8640	Low-Profile	24			304864001
8689	Standard	12			304868901
8680	Standard	24			304868001
8649	Low-Profile	12	Flush Switch Not Included		304864941
8640	Low-Profile	24			304864041
8689	Standard	12			304868941
8680	Standard	24			304868041

All outlets are 1-inch (25mm) & 1.5-inches (38mm).

MasterFlush – Discontinued 8800 Series Toilet

As previously announced, we are discontinuing the production of 8800 series MasterFlush toilets.

Effective August 3, 2009 we will only ship those bowl shapes in Dometic inventory. After the inventory is depleted it will not be replaced.

At the time of publishing of this document, we only have 8812 models left in stock.

8800 Conversion Chart

8800 MasterFlush					8600 Series	8700 Series	8900 Series
Part #	Description	Height	Voltage	Color	Item Number	Item Number	Item Number
304881211	8812-12VDC - WHITE	Low-Profile	12VDC	White	304863901	-	304893901
304881213	8812-12VDC - BONE	Low-Profile	12VDC	Bone	304863902	-	304893902
304881221	8812-24VDC - WHITE	Low-Profile	24VDC	White	304863001	-	304893001
304881223	8812-24VDC - BONE	Low-Profile	24VDC	Bone	304863002	-	304863002
304881811	8818-12VDC - WHITE	Standard	12VDC	White	304867901	304875901	304897901
304881813	8818-12VDC - BONE	Standard	12VDC	Bone	304867902	304875902	304897902
304881821	8818-24VDC - WHITE	Standard	24VDC	White	304867001	304875001	304867001
304881823	8818-24VDC - BONE	Standard	24VDC	Bone	304867002	304875002	304867002
304881911	8819-12VDC - WHITE	Standard	12VDC	White	304867901	304875901	304897901
304881913	8819-12VDC - BONE	Standard	12VDC	Bone	304867902	304875902	304897902
304881921	8819-24VDC - WHITE	Standard	24VDC	White	304867001	304875001	304867001
304881923	8819-24VDC - BONE	Standard	24VDC	Bone	304867002	304875002	304867002

Note the 8100 series is not listed above because it does not include a flush circuit which provides an automatic flush cycle.

Notes

Gravity Toilets

What's New

310 Series with PowerFlush

4300/4400 Series, Elongated Seat

510 Series, Public Sanitation Models

Discontinued Models

3000/3100 Series Concerto

4300/4400 Series Magnum Opus

Gravity Toilets - New 310 Series

Beautiful styling and lightweight ceramic bowl.
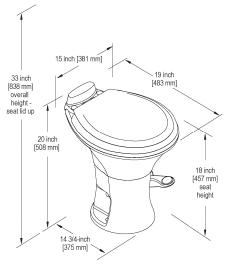Ergonomic –height pedal on right side. Quick installation:

- Two-bolt connection to floor flange
- Accessible water valve connection
- No extra shrouds to install

Fits all common floor flanges and will replace all Thetford plastic bowl toilets.
The model 310 is now available in plain brown cartons.
Retail cartons will be available in May 2010.

Dimensions

The 310 has the new *PowerFlush* rim design. Provides instantaneous pressurized flushing action. With a smooth sanitary bowl surface free of difficult-to-clean nozzles or recesses.

310 Models:

Model	Hand Spray	Pack	Color	Carton Graphics	Item Number
310	No	Single	White	Plain Brown	302310011
			White	Retail	302310071
			Bone	Plain Brown	302310013
			Bone	Retail	302310073
		Pallet	White	Plain Brown	302310041
			Bone	Plain Brown	302310043
310S	Yes	Single	White	Plain Brown	302310111
			White	Retail	302310171
			Bone	Plain Brown	302310113
			Bone	Retail	302310173
		Pallet	White	Plain Brown	302310141
			Bone	Plain Brown	302310143

Pallet pack is 12 units each.

Gravity – New 4300/4400 Series Toilet

Updated version of 4300/4400. New bowl has flat back, easy access over-ride switch.

4300 has toilet-mounted flush lever and the 4400 uses a wall-mounted flush switch.
Wood seat with elongated opening.
Integral water trap provides quiet yet effective flushing action.

Available March 2010

Wall-mounted "Add Water/ Flush" switch supplied with model 4410.

Manual over-ride switch for flush mechanism is conveniently located on back ledge.

The new 4300/4400 series will have new part numbers. Below are the new Mainline model numbers as well as a cross-reference for older part numbers that were shipped in 2009.

Model	Voltage	Color	Flush Activation*	Hand Spray	Previous Item Number	New Item Number
4310	12	White	Flush Lever Chrome	No	302243061	302431111
4310	12	White	Flush Lever Chrome	Yes	302243071	302431211
4310	12	Bone	Flush Lever Chrome	No	302243063	302431131
4310	12	Bone	Flush Lever Chrome	Yes	302243073	302431231
4410	12	White	Wall Flush Switch	No	302044061	302441110
4410	12	White	Wall Flush Switch	Yes	302044071	302441210
4410	12	Bone	Wall Flush Switch	No	302044063	302441130
4410	12	Bone	Wall Flush Switch	Yes	302044073	302441230

*Flush handles also available in Gold and Nickel. Ceramic also available in Ebony.
Contact Customer Service for special item numbers.

Gravity Toilets - New 510 "PS" Series

Ideal for mobile restroom applications. "PS" stands for "Public Sanitation".

Two versions of toilet: 500+ compact four bolt style and 500H with two bolts and two wood screws.

Rotor shaft and water valve shaft are brass. **Limited warranty is one year parts in commercial applications**.
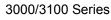
510H/+PS Mainline Models:

Model	Pack	Color	Item Number
510+PS	Single	White	302510221
510+PS	Single	Bone	302510223
510+PS	Single	Ebony	302510228
510+PS	Single	Platinum	302510226
510+PS	Pallet	Platinum	302510256
510HPS	Single	White	302510001
510HPS	Single	Bone	302510003
510HPS	Pallet	White	302510011
510HPS	Pallet	Bone	302510013

Pallet pack is 12 units each.

Gravity Toilets - Discontinued Models

As previously announced, we are discontinuing the production of the Magnum Opus (3000 and 3100 series) and we have re-styled the Concerto series. **Effective October 1, 2009 we will only ship bowls that we have in inventory**. After the inventory is depleted, it will not be replaced.

3000/3100 Series

4300/4400 Series

Series	Series Name	Height	Suggested Equivalent	See Page
3000 / 3100	Magnum Opus	Standard	4300/4400 has a similar seat size and footprint	20
		Low-Profile	No direct replacement currently available	
4300 / 4400	Concerto	Standard	Changes to this series are flat back shape, no removable lid, relocation of manual over-ride.	20

Notes

What Else is New?

Holding Tanks for the DIY Installer

Flush Panel Redesign

Monitors and Controls

Toilet System Enhancements

Holding Tanks for DIY Installers – L Series

Pre-assembled with all required fittings and ports

Five sizes to fit wide range of boat models

Heavy-duty polyethylene tank withstands high positive pressure and includes a vacuum relief valve to protect against harmful vacuum pressures
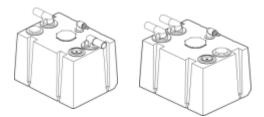
Tank walls resist waste odor permeation

Specially designed discharge fittings are clog-free and minimize tank residual

Five-year limited warranty against cracking or leaking

Tank comes with two outlets and one inlet but includes one extra inlet and one cap plug. Therefore, fittings can be arranged as:

      Two outlets, one inlet
      Two inlets, one outlet
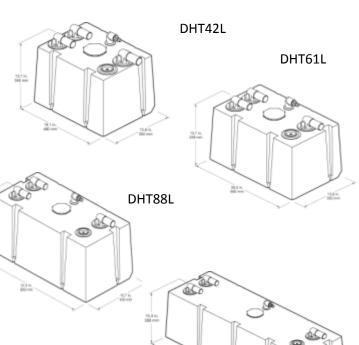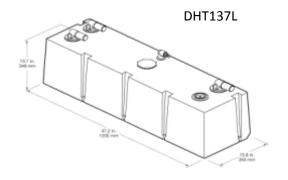   One inlet, one outlet

New brand program:

Starting May, 2010 all L-series tanks or accessories purchased directly from Big Prairie will have our new SeaLand by Dometic GROUP logo instead of the Dometic logo.

DHT42L
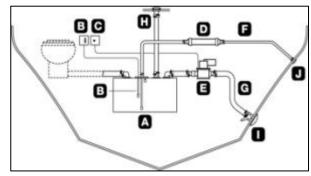
DHT61L

DHT88L

DHT110L

DHT137L

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L-Series Holding Tanks

Model	Capacity	Dimensions (LxDxH)	Weight	Item Number
DHT42L	11-gallon/42-liter	18.1x13.8x13.7 in. / 460x350x348 mm	12 lbs./5.4 kg	322601101
DHT61L	16-gallon/61-liter	26.0x13.8x13.7 in. / 660x350x348 mm	17 lbs./7.7 kg	322601601
DHT88L	23-gallon/88-liter	31.5x15.7x15.3 in. / 800x400x388 mm	22.5 lbs./10.2 kg	322602301
DHT110L	29-gallon/110-liter	47.2x13.8x13.7 in. / 1200x350x348 mm	30.9 lbs./14 kg	322602901
DHT137L	36-gallon/137-liter	47.2x15.7x15.3 in. / 1200x400x388 mm	32 lbs./14.5 kg	322603601

Layout Guide and Accessories

Layout Guide in ten languages provides easy to follow instruction for selecting components and assuring a trouble-free installation.   All accessory products are keyed to installation diagram in guide.

L-Series Holding Tank Accessories

Key	Item	Model / Description	Voltage/Diameter	Item Number
A	Holding Tank		N/A	See Above
B	Level Monitor	DTM1C Single level monitor with cap and panel	12 and 24	313002312
		DTM04 4-level monitor system with cap and panel	12 and 24	313604302
C	Discharge Pump Control	DTD01 Discharge pump control switch (12VDC)	12	313814112
		DTD01 Discharge pump control switch(24VDC)	24	313814124
D	Vent Filter	Vent Filter - Includes 16 and 19mm hose fittings	N/A	309310008
E	Discharge Pump	T-Series Discharge Pump (12VDC)	12	317401200
		T-Series Discharge Pump (24VDC)	24	317402400
F	Vent Line Hose	MaxFlex Hose 5/8-inch (16mm)	5/8-inch (16 mm)	306345650
		MaxFlex Hose 3/4-inch (19mm)	3/4-inch (19 mm)	306341628
G	Sanitation Hoses	MaxFlex Hose 1-inch (25mm)	1-inch (25 mm)	306341145
		MaxFlex Hose 1 1/2-inch (38mm)	1 1/2-inch (38 mm)	306341116
		OdorSafe Hose 1 1/2-inch (38mm)	1 1/2-inch (38 mm)	306342871
	Pre-assembled fittings	Several Hose Fittings are listed in Layout Guide		See Layout Guide

L-Series Holding Tank Accessories are packaged in retail carton with multi-language label and instructions.
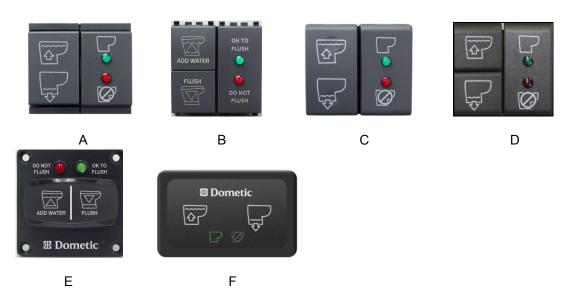
Flush Panels

Dometic offers several options for Flush Switches. Vimar and Gewiss switches complement popular marine switches. Mounting bezels and hardware must be ordered separately from the switch manufacturer. See below. All switches are now marked with easy-to-understand symbols (no words)..

VacuFlush Panels

| A | B | C | D |

| E | F |

MasterFlush Panels

Photo Not Available

| G | H | I | J | K |

Manufacturer:
Vimar
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36063 Marostica (VI) – Italy
Phone: +39 0424 488 600
Fax: +39 0424 488 188
Web Site: www.vimar.eu
English Web Site Version:
www.vimar.eu/en

Manufacturer:
Gewiss
Phone numbers for multiple locations
in Europe:
Italy: +39 035 946 111
Spain: +34 (9) 1 670 71 00
United Kingdom: +44 (0) 1249 444 734
Germany: +49 (0) 64715010
France: +33 (0) 1 64 868 080
Web Site: www.gewiss.com

Vacuum Toilets   **Flush Panels are not included with Mainline VacuFlush Toilets**

Description	Fig.	Style	Orientation	Wire Harness	Voltage	Color	Item
Vimar Switch Set[1]	A	Idea	Vertical	9-ft (2.7 m)	12	White	313401012
						Gray	313402012
					24	White	313401024
						Gray	313402024
			Horizontal		12	Gray	313402212
					24		313402224
Vimar Switch Set[1]	B	Eikon	Vertical	9-ft (2.7 m)	12	Gray	313501012
					24		313501024
			Horizontal		12		313501112
					24		313501124
Gewiss Switch Set[1]	C	Playbus[2]	Vertical	9-ft (2.7 m)	12	Gray	313403012
					24		313403024
Gewiss Switch Set[1]	D	Chorus	Vertical	9-ft (2.7 m)	12	Gray	313407012
					24		313407024
Dometic Switch[1]	E	N/A	Horizontal	9-ft (2.7 m)	12	Black	313404012
					24		313404024
Dometic Touchpad[3]	F	N/A	Horizontal	9-ft (2.7 m) Ethernet	12/24	White	313600021
					12/24	Black	313600022

[1]Includes Add Water/Flush Switch(s) and Flush/Do Not Flush Status Panel. Wire harness terminates in Deutsch connectors mate to panel and to toilet connectors. Wire harness is standard 9-foot length (2.7 m).

[2]Note that Gewiss has informed their customers that the Playbus switch style is being phased out in 2010 and will be replaced by the Chorus switch style.

[3]**Available in first Quarter 2010**. Includes Add Water/Flush Touchpad and Flush/Do Not Flush Status Panel. Ethernet cable connectors mate to panel and to toilet connectors. Cable is standard 9-foot length (2.7 m).   Panel will operate with 12 or 24 volt toilet.

Macerator Toilets   **Flush Panels are included with Mainline MasterFlush Toilets**

Description	Fig.	Style	Orientation	Wire Harness	Voltage	Color	Item
Vimar Switch Set[1]	G	Idea	Vertical	9-ft (2.7 m)	12/24	Gray	313600002
						White	313600001
Gewiss Switch Set[1]	H	Playbus	Vertical	9-ft (2.7 m)	12/24	Gray	313600011
Dometic Switch[2]	I	N/A	Horizontal	9-ft (2.7 m)	12/24	Black	385311702
Dometic Touchpad[3]	J	N/A	Horizontal	9-ft (2.7 m) Ethernet	12/24	Black	313600022
						White	313600021
Vimar Switch	K	Eikon		9-ft (2.7 m)	12/24	Gray	313600031

[1]Includes Add Water/Flush Switch(es) and Power On/ Tank Full Status Panel. Wire harness terminates in Deutsch connectors mate to panel and to toilet connectors. Wire harness is standard 9-foot length (2.7 m). Panel will operate with 12 or 24 volt toilet.

[2]Included with 8100 Series as standard. Includes Add Water/Flush Switches. Power On/Tank Full Status Panel must be purchased separately. Panel and toilet connections terminate without connectors.

[3]Black panel is included as standard with all Mainline toilets. White panel can be purchased as option. Kit includes Add Water/Flush Touchpads and Power On/Tank Full Status Panel. Ethernet cable connectors mate to panel and to toilet connectors. Cable is standard 9-foot length (2.7 m).   Panel will operate with 12 or 24 volt toilet.

Monitors & Pump Controls

Starting in 2009, Dometic began a facelift of all monitor panels. The new panels have a snap-on bezel that hides mounting screws and provides a clean, trim look to match any head compartment décor. The new panels come in two standard dimensional formats as shown below.

Smaller panels are 2.0-inches (50.8 mm) X 3.25-inches (82.6 mm).

Larger panels are 3.25-inches (82.6 mm) square.

Description	Used With	Existing Styles			New Style			
		Photo	Voltage	Item Number	Photo	Voltage	Model Number	Item Number
Do Not Flush Warning Indicator: Indicates when holding tank is full. It is sold as a separate item from any level monitor system.	Any Toilet System		12/24VDC	385318714		12/24VDC	DNF	TBD
VacuFlush Status Panels								
VacuStat Indicator Panel (Two Light): Signals vacuum toilet is ready to flush (green light) and when there is insufficient vacuum for proper vacuum operation or holding tank is full (red light).	Pedal or Flush Lever Operated Vacuum m Toilet		12 VDC	313700012		12/24VDC	DVS01	TBD
			24VDC	313700024				
VacuStat Indicator Panel (Single Light): Signals when there is insufficient vacuum for proper vacuum operation or holding tank is full (red light).	Pedal or Flush Lever Operated Vacuum Toilet		12 VDC	313720012		12/24VDC	DNF	TBD
			24VDC	313720024				
VacuFlush Status Panel: Functions same as two light panel above with convenient circuit breaker allowing the system to be shut down at night.	All Above Vacuum Toilet Models		12 VDC	313500012		12VDC	DSV02	TBD
			24 VDC	313500024		24VDC		TBD
MasterFlush Status Panels								
Power On/Tank Full Panel (Two Lights): Indicates that toilet power is on and when holding tank is full.	8100 & 8700Flush Lever Activated Macerator Toilets		12 VDC	313750012		12 VDC	DMS	313722012
			24VDC	313750024		24VDC		313722024
Pump Controls								
Dometic Tank Discharge Control: Diverts sewage directly overboard in unrestricted waters. Can operate either in automatic on /off or manual on / auto off modes. Can be ordered with optional seacock check light that signals check seacock (requires optional seacock switch assembly)	For use with Dometic Discharge Pumps (T-series)				Manual On/Auto Off	12VDC	DTD01	313814101
						24VDC		313814103
					Auto On/Auto Off	12VDC	DTD04	313814301
						24VDC		313814303
Tank Level Monitors								
Dometic Alert System: Single level float switch warns when holding tank is full.	For use with L-series holding tanks					12/24VDC	DTM01C	313002312
	For use with any rigid holding tank			313000312		12/24VDC	DTM01	TBD
Dometic Monitor System: Micro float switches indicate empty, low, mid and full. Operates on 12 or 24 VDC. Empty, low and mid levels are adjustable to fit tank. Optional shut down relay available to shut down toilet when holding tank is full. For use with any rigid holding tank* *Can be adapted to any rigid holding tank with Flange Kit (P/N 307230272).			DTM04 4-Light Panel	313604001	Single Probe Cap with vent, 22-inch (558mm) Max. Tank Depth			
				313604002	Single Probe Cap without vent, 22-inch (558mm) Max. Tank Depth			
				313604003	Single Probe Cap with vent, 45-inch (1,143 mm) Max. Tank Depth			
				313604004	Single Probe Cap without vent, 45-inch (1,143 mm) Max. Tank Depth			
			DTM08 8-Light Panel	360608001	Two Probe Caps with vent, 22-inch (558mm) Max. Tank Depth			
				360608002	Two Probe Caps without vent, 22-inch (558mm) Max. Tank Depth			
				360608003	Two Probe Caps with vent, 45-inch (1,143 mm) Max. Tank Depth			
				360608004	Two Probe Caps without vent, 45-inch (1,143 mm) Max. Tank Depth			
			DTM12 12-Light Panel	360612001	Three Probe Caps with vent, 22-inch (558mm) Max. Tank Depth			
				360612002	Three Probe Caps without vent, 22-inch (558mm) Max. Tank Depth			
				360612003	Three Probe Caps with vent, 45-inch (1,143 mm) Max. Tank Depth			
				360612004	Three Probe Caps without vent, 45-inch (1,143 mm) Max. Tank Depth			
Dometic Fresh Water Tank Monitor: Integral sensor delay prevents false readings.			DTMF	TBD	Single Probe Cap with and without vent, 22 and 45-inch Tank Depth, Black and White Panels			

New Style items available July 1, 2010

Toilet and System Enhancements

All pedal operated vacuum toilets are now equipped with longer screws which have a special thread to prevent the screws from loosening due to heavier usage.

This change was effective on all units produced after July 1, 2009.

All pedal operated vacuum toilets (including the 100 series) are now produced with brass rotor shafts.

This change was effective March 24, 2009.

All low-profile models are now equipped with a plastic locking strap to keep the base cover in place.

This change was effective on all white and bone models on or before May 22, 2009.

"Hush flush" seal will be eliminated from all VacuFlush series seat assemblies.

This change was effective December 31, 2009.

4800 Series toilets have been modified so rotor shaft and set screw are securely engaged and will not allow disengagement.

This change has been in production since early 2009.

4800 series toilets have a new bowl-to-base attachment method. The holes are much stronger than the previous ribs. The need for a torque wrench is eliminated.

This change has been in production through most of 2009.

All vacuum generators are now shipped with a complimentary tube of hose lubricant to facilitate hose installation.

500 and 4700 wood seats are now double coated to eliminate the sometimes-thin coating on the bottom side of the seat.

This change was implemented in Spring 2009

White slow-close seats are now in production. Bone seats will be available for aftermarket and export customers starting in 2011 but shipments to North American OEM customers will remain with standard seats (non-slow close) until July 1, 2010.

New Vacuum Switch Calibration System in production for all of 2009. A tremendous improvement in the reliability of the standard vacuum switch. Calibration on the production line is much easier and reports of switches not holding set points has dropped to zero.

New electronic water valve has one piece molded ½-inch threads. New valve simplify connecting fittings and reduces possibility of water leaks. Have started to use new water valve as of September, 2009.

Holding tank cap and vacuum generator inlet and outlet switched to square ring instead of o-rings. This change greatly increases seal integrity.

Changed production as of August, 2009.

970 Portable Toilet handled reinforced with mold change and added material in connecting rod. Modified units can be identified by rib on handle where connecting rod is inserted.

Changed before December 31, 2008.

Contacts

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Notes

Dometic Corporation, Sanitation Division

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