# THETFORD
## *Marine*

**Excellence on board**

TECMA THETFORD NORCOLD INC. NOVA KOOL

**PRODUCT CATALOG**

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**THETFORD** *Marine*

# THETFORD MARINE IS THE TEAM YOU CAN RELY ON!

## Company profile

The Thetford Group for the last 50 years has been recognized as the world market leader in mobile sanitation systems, refrigerators, cooking equipment and sanitation additives. Thetford Marine as the nautical division, has a complete and marine-dedicated product line consisting of the strong brands of Tecma for sanitation, Thetford for portable sanitation and Norcold for refrigeration.

The marine world is one of sophisticated equipment, beautiful design and impressive performance. Boat designers, builders, owners, crews, and users all have a vested interest in the smooth operation and management of their vessel. At Thetford Marine we understand the requirements and the need for flexibilty to perfectly match the product to your yacht and situation.

## Being your partner you're guaranteed of

• Reliable partner

• Long-term relationship

• Service oriented

• Extensive know-how, built on long experience and dedication

• Experienced Italian design team

• Maximum flexibility

# GLOBAL SALES, LOCAL SERVICE

## World wide sales and service network

As an experienced full system supplier, Thetford Marine understands the needs of OEM, yards, architects and yachtsmen, therefore our products are globally available thanks to our extensive and reliable worldwide distribution network.

Thetford Marine understands that buyers and users of marine equipment occasionally have to service their equipment. This must be convenient and fast. Our large network of Thetford Marine Service locations are located across the world and offer professional support, stocks of spare parts and immediate in-port response. Thetford Marine offers a three-year warranty on Thetford sanitation products. The Tecma and Norcold product lines have a two-year warranty.

**Find your nearest sales or service locations online at www.thetfordmarine.com.**

**THETFORD** *Marine*

# NOVA KOOL

**NORCOLD INC.**

## REFRIGERATION – RELIABILITY ON THE MOVE

**Norcold silent refrigerators will keep your provisions fresh, tasty and reliably cool whatever the outside temperature.**

Quiet, dependable, and designed to last for years, our compressor refrigerators are ideal for marine applications. Thetford offers a comprehensive line of top performing compressor refrigerators, working on both DC and AC. Top of the line is the 0061, a two door model with contemporary flush mount styling. This is the coolest unit we offer: with a large freezer separated from an even larger refrigerator.

Benefits
• Exceptionally quiet, hermetically sealed compressor
• Improved cooling performance in higher ambient temperatures
• Designed specifically for marine purposes
• Durable, easy to clean white powder coated shelves
• Clean, modern, finish

# NOVA ☀ KOOL

## NOVAKOOL MARINE REFRIGERATION

*Safe, Efficient, Quiet, Reliable*

For more information check
**www.novakool.com**

| | NR751 | NR740 | 0061 | 0041 | DE105 |
|---|---|---|---|---|---|
| **Cutout dimensions H x W x D (in)** | 20.5 x 18.5 x 21.0625 | 20.5 x 15.25 x 20.5 | 52.875 x 23.25 x 23.75 | 30.75 x 23.25 x 23.5 | 30 x 20.75 x 20.125 |
| **Flush mount depth (in)** | 23.1875 | 19.9375 | N/A | N/A | 21.5 |
| **Storage capacity** | 2.7 cu. ft. | 1.7 cu. ft. | 7.0 cu. ft. | 3.6 cu. ft. | 3.3 cu. ft. |
| **Net Weight (lb)** | 49 | 41 | 95 | 65 | 70 |
| **Shipping Weight (lb)** | 53 | 45 | 115 | 80 | 76 |
| **Fridge door options** | BB = Black trim and insert panel SS = Grey trim and stainless insert panel | BB = Black trim and insert panel SS = Grey trim and stainless insert panel | BB = Black trim and insert panel SS = N/A | BB = Black trim and insert panel SS = N/A | B = Black door panel |
| **Power source DC (volts / amp draw)** | 12 VDC / 3.6 A 24 VDC / 1.8 A | 12 VDC / 3.6 A 24 VDC / 1.8 A | 12 VAC / 5.9 A (US/CAN/EU) 24 VAC / 2.4 A (US/CAN/EU) | 12 VAC / 5.9 A (US/CAN/EU) 24 VAC / 2.4 A (US/CAN/EU) | 12 VDC / 5.2 A 24 VDC / 2.6 A |
| **Power source AC (volts / amp draw)** | With optional power cord: 120 V / 0.75 A (US/CAN) 230 V / 0.47 A (EU/AU/NZ) | With optional power cord: 120 V / 0.75 A (US/CAN) 230 V / 0.47 A (EU/AU/NZ) | 120 VAC / 0.8 A (US/CAN) 230 VAC / 0.4 A (EU) | 120 VAC / 0.8 A (US/CAN) 230 VAC / 0.4 A (EU) | 120 VAC / 60Hz / 0.9 A (US/CAN) |

**THETFORD** *Marine*

# NR751 / NR740

## AC/DC Models

**NR751** • 2.7 cu. ft.

**NR740** • 1.7 cu. ft.

• Perfectly refits Norcold DE-0740/0751
• Danfoss BD35 compressor improves performance, especially at higher ambient temperatures
• LED interior light
• Improved styling - new "hidden" ventilation grill
• Fewer SKUs help streamline your product mix
• Base model is 12/24V DC - Optional Power Cord allows for AC operation
• Freezer door
• Can be flush-or-proud mounted without additional hardware
• Self-venting — a Norcold exclusive
• 2-year warranty

*Model comparison on page 9.*



**NR751SS**



**NR740BB**

### Power Cords for NR751 and NR740

|  | Voltage | Amps | Description | Wt. (lb) |
|---|---|---|---|---|
| **635591** | 120V | 0.75 | US AC Power Cord | 2 |
| **635592** | 230V | 0.47 | EU AC Power Cord | 2 |
| **635593** | 230V | 0.47 | AUS AC Power Cord | 2 |

|  | | Amp Draw | | | | Proud H x W x D | Flush (D) | |
|---|---|---|---|---|---|---|---|---|
|  | Information | 12VDC | 24VDC | 120VAC | 230VAC | Installation Dimensions (in) | | Net / Carton Wt (lb) |
| **NR751** | BB = Black trim and door insert panel, SS = Grey trim and stainless door panel | 3.6 | 1.8 | - | - | 20.5 x 18.25 x 21.06 (23.19) | | 49 / 53 |
| **NR751** | Add a 635591 120V US Power Cord | 3.6 | 1.8 | 0.75 | - | 20.5 x 18.25 x 21.06 (23.19) | | 49 / 53 |
| **NR751** | Add either a 635592 230V EU Power Cord or 635593 Australian Power Cord | 3.6 | 1.8 | - | 0.47 | 20.5 x 18.25 x 21.06 (23.19) | | 49 / 53 |
| **NR740** | BB = Black trim and door insert panel, SS = Grey trim and stainless door panel | 3.6 | 1.8 | - | - | 20.5 x 15.25 x 17.84 (19.96) | | 41 / 45 |
| **NR740** | Add a 635591 120V US Power Cord | 3.6 | 1.8 | 0.75 | - | 20.5 x 15.25 x 17.84 (19.96) | | 41 / 45 |
| **NR740** | Add either a 635592 230V EU Power Cord or 635593 Australian Power Cord | 3.6 | 1.8 | - | 0.47 | 20.5 x 15.25 x 17.84 (19.96) | | 41 / 45 |

*Specifications subject to change.*

**NORCOLD** INC.
Refrigeration

AC = Alternating Current (US/Canada): 120 Volts @ 60 hz
DC = Direct Current: 12 or 24 Volts
EV = European Voltage: 230 Volts AC @ 50 hz

# 0061 / 0041

## AC/DC Models

### 0061 • 7.0 cu. ft.

- Top-of-the-line, two door model
- Now with Danfoss Compressor
- Comtemporary Flushmount™ styling
- Self-ventilated design for easier integration
- Exceptionally quiet, hermetically-sealed compressor
- Drip tray drain hose – A 5-foot Extension Accessory Kit is available for the Drip Tray Drain Hose, Norcold Part #625127
- 12-volt fan aids airflow across condenser and compressor for improved cooling
- Reversible doors
- Black exterior trim with optional panel
- Storage for varied sizes, including 2-liter, 1/2-gallon and gallon containers
- Adjustable, removable, large container door bin storage
- Power cord included
- 2-year warranty

### 0041 • 3.6 cu. ft.

- Now with Danfoss Compressor
- Convenient top-mounted automatic temperature control
- Self-ventilated design for easier integration
- Contemporary Flushmount™ styling
- Black exterior trim with optional door panel
- Reversible doors with adjustable bins for various container sizes
- Convenient, easily-accessible large-container storage
- 12-volt fan aids airflow for improved cooling
- Power cord included
- 2-year warranty

*Model comparison on page 9.*

**DE** = Dual Electric: AC (Alternating Current US/Canada, 120 volts @ 60 hz) AND DC (Direct Current, 12 or 24 Volts)
**EV** = European Voltage (230 Volts AC @ 50 hz) AND DC (Direct Current, 12 or 24 Volts)

| | Information | Color | Amp Draw | | | | H x W x D | Net / Carton Wt (lb) |
| | | | 12VDC | 24VDC | 120VAC/60Hz | 230V/50Hz | Installation Dimensions (in) | |
|---|---|---|---|---|---|---|---|---|
| **DE0061** | Flush Mounted | Black Trim | 5.9 | 2.4 | 0.80 | - | 52.875 x 23.25 x 23.75 | 98 / 115 |
| **EV0061** | EU Certified Flush Mounted | Black Trim | 5.9 | 2.4 | - | 0.40 | 52.875 x 23.25 x 23.75 | 98 / 115 |
| **DE0041** | Flush Mounted | Black Trim | 5.9 | 2.4 | 0.80 | - | 30.875 x 23.25 x 23.5 | 65 / 80 |
| **EV0041** | EU Certified Flush Mounted | Black Trim | 5.9 | 2.4 | - | 0.40 | 30.875 x 23.25 x 23.5 | 65 / 80 |

*Door panels not included. Black door panels available. DE0041: Part # 623866, DE0061: Part # 623867.

*Specifications subject to change.*

**THETFORD** *Marine*

# DE105

## AC/DC Models

DE105 • **3.3 cu. ft.**

• Combination Refrigerator/Freezer

• Two white powder-coated wire shelves with raised lip

• Dual clear door bins

• LED interior light

• Flush*, undercounter mounting

• 2-year warranty

*Model comparison on page 9.*

**DE** = Dual Electric: AC (Alternating Current US/Canada, 120 Volts @ 60 hz)
and DC (Direct Current, 12 or 24 Volts)
**B** = Black Door Panel

| | Information | Color | Amp Draw | | | | Installation Dimensions (H x W x D) | Net / Carton Wt (lb) |
|---|---|---|---|---|---|---|---|---|
| | | | **12VDC** | **24VDC** | **120VAC/60Hz** | **230VAC/50Hz** | | |
| **DE105** | | Black Panel | 5.2 | 2.6 | 0.9 | N/A | 30 x 20.75 x 20.125* | 70 / 76 |

*\*Depth increases by 1.375" if installed with flush doors to the cabinet. Specifications subject to change.*

**NORCOLD** INC. Refrigeration

# PORTABLE REFRIGERATION

## Convenient and durable

**The perfect products for family outings, long trips, or just big appetites. A movable fridge always on hand!**

Features

- Electronic temperature control panel displays the internal temperature and allows the user to set desired temperature
- CFC- free insulation foam and refrigerant
- Hermetically sealed compressor with built-in low voltage protection
- Easy reversible and removable hinge lid
- Simple to clean, removable wire basket for convenience
- Durable, corrosion resistant plastic exterior
- Heavy-duty removable handles
- Optional CCC-approved AC adapter
- Available in various sizes

Benefits

- Stainless steel interior prevents stains and improves cooling
- Separate 'refrigerator only' section prevents freezing of select items
- Battery protection with three adjustable levels, prevents battery drain and automatically turns back on when voltage returns
- Indicator light alerts you to installation issues

Removable wire basket

Electronic temperature control

**NRF-45**

**Optional AC Adaptor**
Part # 634650

|  | NRF-60 | NRF-45 | NRF-30 |
|---|---|---|---|
| Size (H x W x D) (in) | 15.59 x 22.01 x 15.75 | 16.89 x 25.47 x 15.75 | 20.39 x 25.47 x 15.75 |
| Weight (net) | 49.6 | 44 | 39.6 |
| Weight (carton) | 57 | 52 | 46 |
| Capacity (liters) | 59 | 45 | 30 |
| Capacity (quarts) | 62 | 47 | 32 |
| Capacity (cu. ft.) | 2.1 | 1.6 | 1.1 |
| Capacity (12 oz. cans) | 86 | 64 | 42 |
| Power consumption (watts) | 55 | 50 | 45 |
| Power options (volts / amp draw) | 12 VDC / 5.3 A<br>24 VDC / 2.6 A<br>120 VAC / 0.5 A<br>– with optional AC adaptor | 12 VDC / 4.8 A<br>24 VDC / 2.4 A<br>120 VAC / 0.5 A<br>– with optional AC adaptor | 12 VDC / 4.3 A<br>24 VDC / 2.2 A<br>120 VAC / 0.4 A<br>– with optional AC adaptor |

*Specifications subject to change.*

**THETFORD** *Marine*
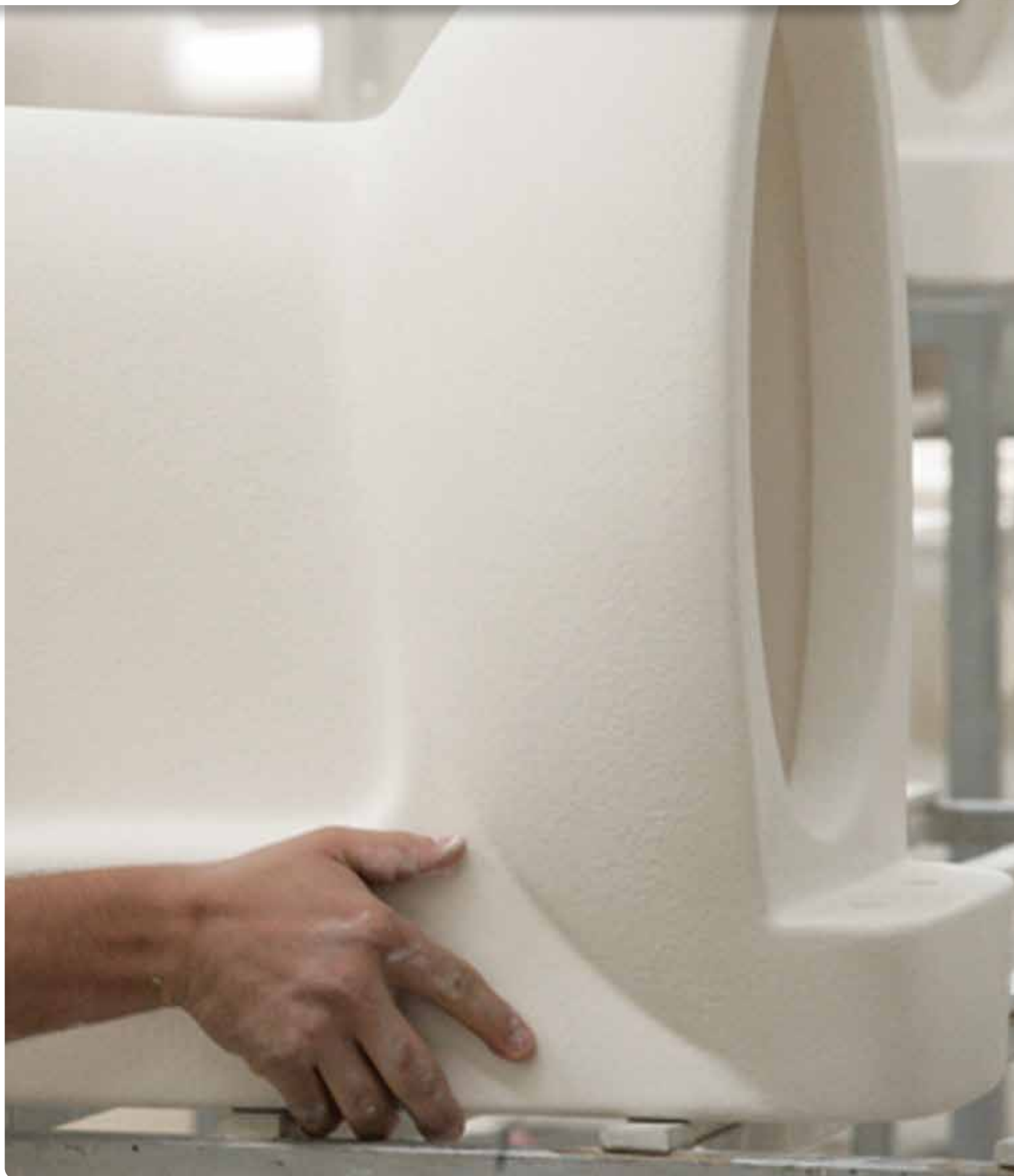
### Beautiful boats deserve beautiful sanitary hardware

For those who design, build, own and charter boats, the beauty, performance and long term value of their product and their investment is paramount. At this juncture of uncompromising engineering and elegant styling the world of marine sanitation is a critical detail which has to perform trouble free. This is the world of Tecma, the macerator sanitation brand of Thetford Marine.

### Benefits at a glance

Top design, quality components and production, uncompromising attitude and fast response to client needs have made Tecma the leading supplier of sanitation systems.

**Tecma macerator toilets - the facts**

- Over 100,000 Tecma macerator toilets onboard worldwide.

- Awarded and certified products (CE, TUV-GS, CSA, MET).

- Inventor of the built-in macerator technology.

- 100% quality.

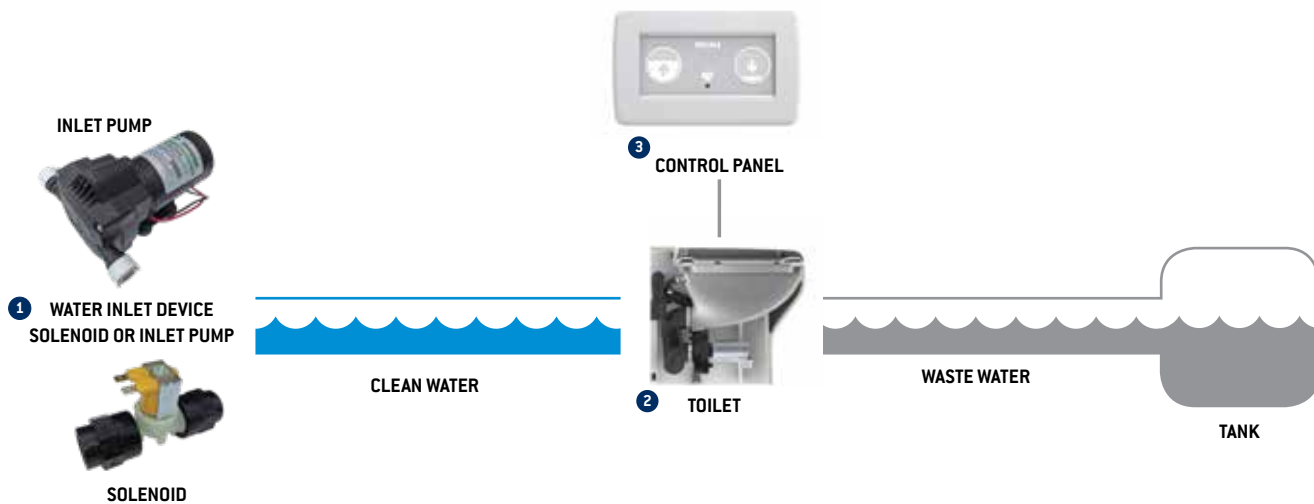**All Tecma macerator toilets have:**

- State of the art of marine sanitation technology.

- Reliable operation.

- Extremely silent operation.

- Easy and fast installation.

- Water and power saving operations.

# HOW IT WORKS

## How it works

**1** The water inlet device delivers clean water to the inside of the toilet bowl.

**2** The macerator pump, integrated in the ceramic toilet, grinds the waste and then transfers it to the black water holding tank.

**3** The flush cycle is activated by pressing the control panel buttons.

**3** CONTROL PANEL

**INLET PUMP**

**1** WATER INLET DEVICE
SOLENOID OR INLET PUMP

CLEAN WATER

**2** TOILET

WASTE WATER

TANK

SOLENOID

---

## 3 components with several possibilities

Each Tecma macerator toilet is ready to be installed with fast and easy electrical connectors and standard size hose fittings, for clean water inlet and waste water outlet. You will always receive the 3 components with several options and possibilities:

**A** **China toilet complete** of seat and cover and integrated **macerator pump** for waste pump out. *More information on pages 28 - 55.*

**B** **Control panel** / user interface.
*More information on pages 66 - 68.*

**C** **Clean water inlet device** / solenoid or inlet pump (dedicated).
*More information on page 17.*

*See technical specifications on pages 18 - 19.*

# THE PROVEN TECHNOLOGY

## Macerator

- Easier waste transfer and no clogging as the cutting blades emulsify all waste.
- Macerator chamber before the impeller for optimal grinding.
- Silent in operation.
- Integrated in the ceramic toilet.



## Clean water inlet device

Depending on the installation on board this will be a solenoid valve or a central dedicated pressure pump to control either fresh or raw water flow.



Solenoid
centralized system

Inlet pump
single system

## Waste water flow

- Special discharge hose shape and two "one-way valves" are strategically positioned.
- Flexible discharge pipe installation with straight and elbow fittings
- Locking and preventing backflow.
- Water traps of clean water.
- No bad smells.
- No cavitation.

First one-way valve

Second one-way valve



## Flush technology

- Efficient spray nozzle maximizes hygiene.
- Eliminates dripping rim.
- High-pressure water jet.
- Faster and better cleaning.
- 100% bowl coverage.
- Low water consumption per flush.



*See technical specifications on pages 18 - 19.*

**THETFORD** *Marine*

# TECHNICAL SPECIFICATIONS

**Design line** > 100 ft **& Flexi line** 50-100 ft

| WIRE GAUGE SIZE CHART | | |
|---|---|---|
| **Distance from source\* is:** | | |
| | **1-2 m** | **> 2 m** |
| **12V dc** | 11 AWG (4.17 mm²) | 9 AWG (6.63 mm²) |
| **24V dc** | 13 AWG (2.63 mm²) | 11 AWG (4.17 mm²) |
| **110-125V ac 60Hz** | 18 AWG (0.82 mm²) | 18 AWG (0.82 mm²) |
| **220-240V ac 50Hz or 60Hz** | 18 AWG (0.82 mm²) | 18 AWG (0.82 mm²) |

*\*Distance measured assumed power and ground wires*

Legend: power 110 / 230 V, power 24 V, power 12 V. Axes: mt (vertical), lt/min (horizontal)
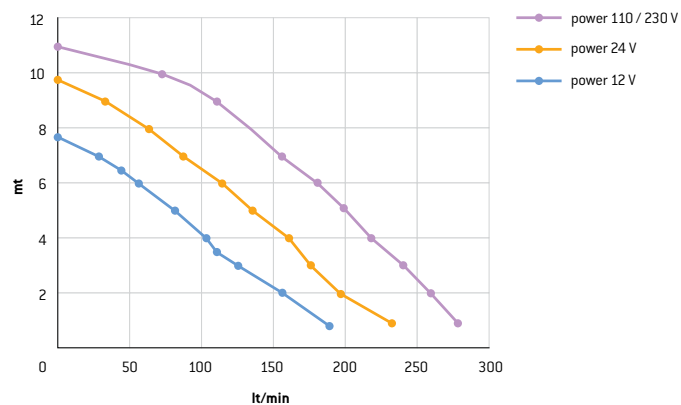
| MAC 11 outlet pump macerator turbine | 12V dc | 24V dc | 110-125V ac 60Hz | 220-240V ac 50Hz or 60Hz |
|---|---|---|---|---|
| **Fuse recommended** | 40 A | 30 A | 8 A | 5 A |
| **Pump performance** | Max 270 l/min **71.3 gm** Max vertical head 11 mt **36.1 ft** Max horizontal distance 90 mt **295.3 ft** | | | |
| **Outlet Duck Bill valve (male)** | 1 ¹/₂" / required ID 1 ¹/₂" (38.5mm) | | | |

| INLET PUMP single system (raw water) | 12V dc | 24V dc |
|---|---|---|
| **Fuse** | 8 A | 4 A |
| **Pressure** | 45 PSI - 3 bar | |
| **Water flow** | 12 L/min **3.17 gmp** | |
| **Toilet inlet hose fitting (barbed)** | 1/2" | |

| INLET SOLENOID centralized system | 12V dc | 24V dc | 110-125V ac 60Hz | 220-240V ac 50Hz or 60Hz |
|---|---|---|---|---|
| **Power** | 9.5W | 10W | 6W | 6W |
| **Maximum pressure recommended** | 3 bar | 3 bar | 3 bar | 3 bar |
| **Solenoid inlet & outlet (threaded female)** | 1/2" | | | |
| **Toilet inlet hose fitting (barbed)** | 1/2" | | | |

TECMA technical specifications

*Specifications subject to change.*

## Compact line **20-50 ft**

| Distance from source* is: | | |
|---|---|---|
| | **0-6 mt (0-20 ft)** | **6-10 mt (30-32 ft)** | **10-15 mt (33-50 ft)** |
| **12V dc** | 10 AWG (4.17 mm²) | 8 AWG (6.63 mm²) | 6 AWG (4.17 mm²) |
| **24V dc** | 16 AWG (2.63 mm²) | 14 AWG (4.17 mm²) | 12 AWG (2.63 mm²) |

*Distance measured assumed power and ground wires*

| MAC 4 outlet pump macerator turbine | 12V dc | 24V dc |
|---|---|---|
| **Fuse recommended** | 30 A | 20 A |
| **Pump performance** | Max vertical head 4 mt *13.1 ft* Max horizontal distance 40 mt *131.2 ft* | |
| **Outlet Duck Bill valve (male)** | 1.5" / required ID 1.5" (38.5mm) | |

Chart legend: power 24 V, power 12 V — axes: mt (vertical), lt/min (horizontal)
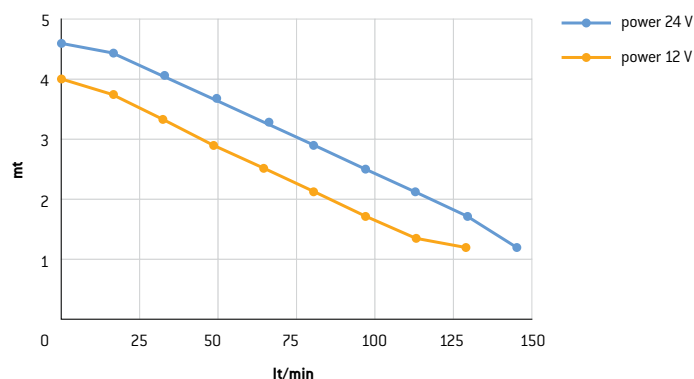
| INLET SOLENOID centralized system | 12V dc | 24V dc |
|---|---|---|
| **Power** | 9.5W | 10W |
| **Maximum pressure recommended** | 3 bar | 3 bar |
| **Solenoid inlet (threaded male)** | 1/2" / required female threaded 1/2" | |
| **Solenoid outlet (barbed male)** | 1/4" | |

| INLET PUMP single system raw water system | 12V dc | 24V dc |
|---|---|---|
| **Fuse** | 8 A | 4 A |
| **Pressure** | 45 PSI - 3 bar | |
| **Water flow** | 12 l/min *3.17 gmp* | |
| **Toilet inlet hose fitting (barbed)** | 1/2" | |

# ALWAYS THE PERFECT FIT

**> 100 ft**

## design line

**This product line is recommended for yachts of 100 feet of length and more.**

Modern furniture, decor, art, style and marine technology are all combined in this range of products. Pairing units in a bathroom offers attractive symmetry. Design creates values, values creates the future.

**50-100 ft**

## flexi line 2G

**This product line is recommended for yachts of length ranging between 50 and 100 feet.**

When it gets to sanitation, Thetford Marine helps the designer to make this process as smooth and easy as possible. Thetford Marine developed perfect toilet designs in different sizes. The designer can pick up exactly what is required to outfit the specific bathroom, whether it is the master, VIP, guest, day or crew head.

| | X-Light | X-Light Short | Privilege | Evolution |
|---|---|---|---|---|
| More information | page 28 - 29 | page 28 - 29 | page 30 - 31 | page 32 - 33 |
| H x W x D | 430 x 360 x 470 mm *16.9 x 14.2 x 18.5 inches* | 330 x 360 x 470 mm *12.9 x 14.2 x 18.5 inches* | 485 x 390 x 500 mm *19.1 x 15.4 x 19.7 inches* | 445 x 370 x 555 mm *17.5 x 14.6 x 21.9 inches* |
| Weight | 7 kg / *15.4 lb* | 6.6 kg / *14.6 lb* | 28 kg / *61.7 lb* | 27 kg / *59.5 lb* |
| Water usages per flush | 0.5 - 2.7 L / *0.1 - 0.7 gal* | 0.5 - 2.7 L / *0.1 - 0.7 gal* | 0.5 - 2.7 L / *0.1 - 0.7 gal* | 0.5 - 2.7 L / *0.1 - 0.7 gal* |
| Color | High gloss, clear coated carbon fiber construction (bowl inside white) — Custom color on request | High gloss, clear coated carbon fiber construction (bowl inside white) — Custom color on request | White | White |
| Seat and cover | High gloss, clear coated carbon fiber construction — Custom color and color combinations available on request | High gloss, clear coated carbon fiber construction — Custom color and color combinations available on request | Thermosetting with soft closing system (Sugatsune™ damper) | Thermosetting with soft closing system (Sugatsune™ damper) |
| Outlet pump (see page 18 - 19) | MAC 11 12/24 v | MAC 11 12/24 v | MAC 11 12/24 v | MAC 11 12/24 v |
| Inlet device* (see page 18 - 19) | Solenoid* — Optional: inlet pump | Solenoid* — Optional: inlet pump | Solenoid* — Optional: inlet pump | Solenoid* — Optional: inlet pump |
| Control panel (see page 71) | All-in-one SFT; Multiframe SFT; Touch SFT Multifunction | All-in-one SFT; Multiframe SFT; Touch SFT Multifunction | All-in-one SFT; Multiframe SFT; Touch SFT Multifunction | All-in-one SFT; Multiframe SFT; Touch SFT Multifunction |
| Accessories | page 73 | page 73 | page 73 | page 73 |

*For raw water installations, we advise you to include a separate Thetford inlet pump.
Specifications subject to change.

| | E-Breeze | Silence Plus 2G | Silence Plus Short 2G | Silence 2G | Silence 2G Short |
|---|---|---|---|---|---|
| More information | page 34 - 37 | page 44 - 45 | page 44 - 45 | page 46 - 47 | page 46 - 47 |
| H x W x D | 550 x 390 x 500 mm *21.7 x 15.4 x 19.7 inches* | 460 x 390 x 510 mm *18.1 x 15.4 x 20.1 inches* | 350 x 390 x 510 mm *13.8 x 15.4 x20.1 inches* | 460 x 370 x 430 mm *18.1 x 14.6 x 16.9 inches* | 360 x 370 x 430 mm *14.2 x 14.6 x16.9 inches* |
| Weight | 30 kg / *66.1 lb* | 25.5 kg / *60.8 lb* | 23.5 kg / *51.8 lb* | 22.5 kg / *49.6 lb* | 19.5 kg / *42.9 lb* |
| Water usages per flush | 0.5 - 2.7 L / *0.1 - 0.7 gal* | 0.5 - 2.7 L / *0.1 - 0.7 gal* | 0.5 - 2.7 L / *0.1 - 0.7 gal* | 0.5 - 2.7 L / *0.1 - 0.7 gal* | 0.5 - 2.7 L / *0.1 - 0.7 gal* |
| Color | White | White Optional: bone/black | White Optional: bone | White Optional: bone | White Optional: bone |
| Seat and cover | Multifunction seat and cover with integrated bidet Thermosetting with soft closing | Polyester with soft closing system (Sugatsune™ damper) | Polyester with soft closing system (Sugatsune™ damper) | Polyester with soft closing system (Sugatsune™ damper) | Polyester with soft closing system (Sugatsune™ damper) |
| Outlet pump (see page 18 - 19) | MAC 11 12/24 v | MAC 11 12/24 v | MAC 11 12/24 v | MAC 11 12/24 v | MAC 11 12/24 v |
| Inlet device (see page 18 - 19) | Solenoid* Optional: inlet pump | Solenoid* Optional: inlet pump | Solenoid* Optional: inlet pump | Solenoid* Optional: inlet pump | Solenoid* Optional: inlet pump |
| Control panel (see page 71) | All-in-one SFT; Multiframe SFT; Touch SFT Multifunction | All-in-one SFT; Multiframe SFT; Touch SFT Multifunction | All-in-one SFT; Multiframe SFT; Touch SFT Multifunction | All-in-one SFT; Multiframe SFT; Touch SFT Multifunction | All-in-one SFT; Multiframe SFT; Touch SFT Multifunction |
| Accessories | page 73 | page 73 | page 73 | page 73 | page 73 |

*For raw water installations, we advise you to include a separate Thetford inlet pump.

| | Nano | Compass | Compass Short | Easy Fit | Easy Fit Short |
|---|---|---|---|---|---|
| More information | page 50 - 51 | page 52 - 53 | page 52 - 53 | page 54 - 55 | page 54 - 55 |
| H x W x D | 295 x 370 x 446 mm **11.6 x 14.6 x 17.5 inches** | | 365 x 365 x 485 mm **14.4 x 14.4 x 19.1 inches** | 445 x 365 x 475 mm **17.5 x 14.4 x 18.7 in** | 365 x 365 x 475 mm **14.4 x 14.4 x 18.7 in** |
| Weight | 17.6 kg / **38.8 lb** | 21.5 kg / **47.4 lb** | 19.5 kg / **40.0 lb** | 21 kg / **47.4 lb** | 19.5 kg / **43.0 lb** |
| Water usages per flush | 0.5 - 2 L / **0.1 - 0.5 gal** | 0.5 - 2 L / **0.1 - 0.5 gal** | 0.5 - 2 L / **0.1 - 0.5 gal** | 0.5 - 2 L / **0.1 - 0.5 gal** | 0.5 - 2 L / **0.1 - 0.5 gal** |
| Color | White | White | White | White | White |
| | | | | Optional: bone | Optional: bone |
| Seat and cover | Thermosetting | Thermosetting soft closing | Thermosetting soft closing | Wood with multicoat enamel finish | Wood with multicoat enamel finish |
| Outlet pump (see page 18 - 19) | MAC 4 12/24 v | MAC 4 12/24 v | MAC 4 12/24 v | MAC 4 12/24 v | MAC 4 12/24 v |
| Inlet device (see page 18 - 19) | Solenoid or Inlet pump | Solenoid or Inlet pump | Solenoid or Inlet pump | Solenoid or Inlet pump | Solenoid or Inlet pump |
| Control panel (see page 71) | Eco rocker or Premium Plus | Eco rocker or Premium Plus | Eco rocker or Premium Plus | Eco rocker or Premium Plus | Eco rocker or Premium Plus |
| Accessories | page 73 | page 73 | page 73 | page 73 | page 73 |

| | Porta Potti 565E | Porta Potti 135/335 | Porta Potti 345 | Porta Potti 365 |
|---|---|---|---|---|
| More information | page 62 - 63 | page 63 | page 63 | page 63 |
| H x W x D | 448 x 388 x 450 mm *17.6 X 15.3 X 17.7 in* | 313 x 342 x 382 mm *12.3 x 13.5 x 15 in* | 330 x 383 x 427 mm *13.0 x 15.1 x 16.8 in* | 414 x 383 x 427 mm *16.3 x 15.1 x 16.8 in* |
| Weight | 5.0 kg / *11 lb* (Electric flush) | 3.3 kg / *7.3 lb* (Bellow / Piston flush) | 3.8 kg / *8.4 lb* (Piston flush) | 4.0 kg / *8.8 lb* (Piston flush) |
| Water usages per flush | N/A | N/A | N/A | N/A |
| Color | White | White | White | White |
| Seat and cover | Portable toilet seating height 443 mm / *17.4 inches* | Portable toilet seating height 308 mm / *12.1 inches* | Portable toilet seating height 324 mm / *12.8 inches* | Portable toilet seating height 408 mm / *16.1 inches* |
| Outlet pump | N/A | Optional: MSD model with plumbing adaptor for permanent pump | N/A | Optional: MSD model with plumbing adaptor for permanent pump |
| Inlet device | N/A | N/A | N/A | N/A |
| Control panel | N/A | N/A | N/A | N/A |
| Accessories | N/A | N/A | N/A | N/A |

**THETFORD** *Marine*

## 20-50 ft

# compact line

**This product line is recommended for yachts of length ranging between 20 and 50 feet.**

It is a real challenge for a yacht designer to assemble all the components in the volume space of a 40 foot yacht, as boat owners expect to find the same level of comfort of a bigger yacht. These Tecma toilets are equipped with a properly sized macerator pump combined with a space saving toilet shape.

## < 30 ft

# portable line

**This product line is recommended for yachts under 30 feet in length.**

Dayboat and sport boats do not require a permanent sanitation system. Thetford Marine offers the perfect solution for fast, easy and cost effective sanitary solution. The affirmed quality of Thetford Porta Potti is the perfect compromise.

**THETFORD** *Marine*

# design line

**> 100 ft**

X-light

Privilege

Evolution

E-breeze

**THETFORD** *Marine*

# X-LIGHT

## Extreme design, grand-prix performance

Full carbon fibre

36 ft
295 ft
Proven powerful macerator

## X-Light

The X-Light range is the original Tecma full carbon fiber range of the toilet in high and low profile and the bidet. With this range Tecma offers pairing units for a luxury bathroom, but also a low profile X-Light Short to be facilitate installation on a step. The carbon fiber X-Light toilet has a weight of only 2 kg. So, extremely light, but also very strong. Equipped with the proven macerator and hoses the weight of the X-Light toilet is still only 7 kg.
A great combination of high quality, ultra-tech material and appealing modern looks.

The marine toilet is specially designed for high performance sailing and motor yachts. The weight of the bowl is about 4.4 lb/2 kg, which with the other components, produces a toilet of less than 15.4 lb/7 kg in weight, some 41.8 lb/19 kg lighter than most traditional models. The innovative and easily accessible macerator pump is integrated. Design and production have been exposed to the full rigours of modern thinking.

*Also on board: Wally, Baltic Yachts, Nautor Swan.*

### X-Light toilet          X-Light short

| | |
|---|---|
| **WEIGHT** | X-Light & X-Light S: 7 kg / **15.4 lb**<br>X-Light Short: 6.6 kg / **14.6 lb** |
| **WATER USAGE** | 0.5 - 2.7 L / **0.1 - 0.7 gal** per flush |
| **COLOR** | High gloss, clear coated carbon fiber construction (inside bowl white), Custom color on request |
| **SEAT AND COVER** | High gloss, clear coated carbon fiber construction , Custom color on request |
| **OUTLET PUMP** | MAC 11 12/24 v, *p. 18* |
| **INLET DEVICE** | Solenoid, optional: inlet pump |
| **CONTROL PANEL** | All-in-one SFT; Multiframe SFT; Touch SFT Multifunction, p. 71 |
| **FEATURE** | Ultra design, full carbon fibre, silent flush, low consumption |
| **RELATED** | Accessories, *p. 73* |

**THETFORD** *Marine*

# PRIVILEGE

**2008 DAME**
DESIGN AWARD METS
**CATEGORY WINNER**
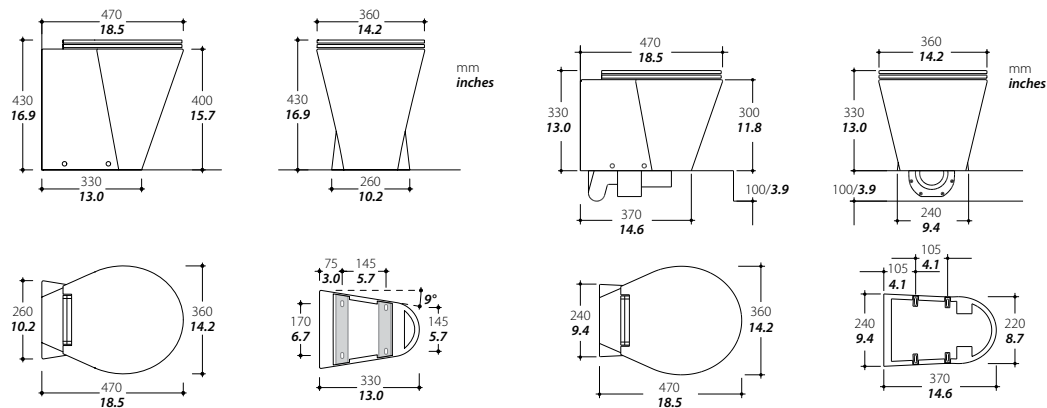
## Generous in size and comfort

Italian ceramic

Soft closing

## Privilege

The Privilege collection is an original Tecma design.
Generous in size and extremely comfortable, the Privilege perfectly
fits the contemporary trends in the domestic sanitation market.
Its design reflects the high standards and more rounded forms of
homestyle toilets.

The Privilege's rounded and ergonomically designed bowl gives
this marine toilet a very original and distinctive designer look. This
collection can be finished in a wide range of different colors and
gloss or matte finishes. Tecma developed a special technology to
laminate real gold or platinum on the outer surface for the most
demanding customers.

*Also on board: Majesty Yachts/ Azimut/ Gulfcraft/ NCA/ Sunreef.*
*Award: Dame 2008 / category winner.*

### Privilege toilet



| | |
|---|---|
| **WEIGHT** | 28 kg / *61.7 lb* |
| **WATER USAGE** | 0.5 - 2.7 L / *0.1 - 0.7 gal* per flush |
| **COLOR** | White |
| **SEAT AND COVER** | Thermosetting with soft closing system (Sugatsune™ damper) |
| **OUTLET PUMP** | MAC 11 12/24 v, *p. 18* |
| **INLET DEVICE** | Solenoid, optional: inlet pump |
| **CONTROL PANEL** | All-in-one SFT; Multiframe SFT; Touch SFT Multifunction, *p. 71* |
| **FEATURE** | Italian ceramic, ultra design, silent flush, low consumption |
| **RELATED** | Accessories, *p. 73* |

**THETFORD** *Marine*
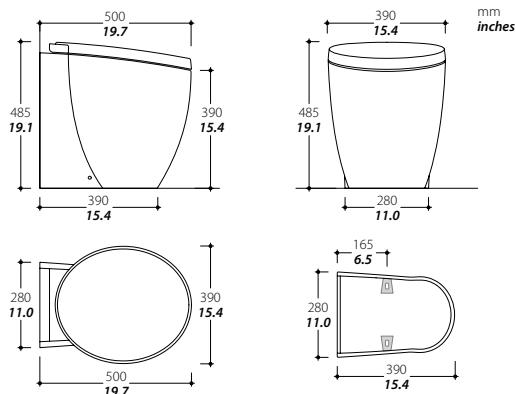
# EVOLUTION

## Advanced 'wall hung' solution

Italian ceramic

Soft closing

## Evolution

A new design of the wall-mounted Evolution toilet with the same proven concept as the Tecma Evolution. The ceramics have an updated sleek design. The new Evolution is equipped with the 2G improved System which means an optimized hose system. A safe air admittance valve is integrated to prevent syphoning, backflows and installation constraints. The wall-mounted toilet not only gives a spacious and luxury look to the bathroom, it also saves floor space and offers maximum hygiene.

The soft closing seat and cover and the silent macerator make the Evolution the perfect combination to have on board.
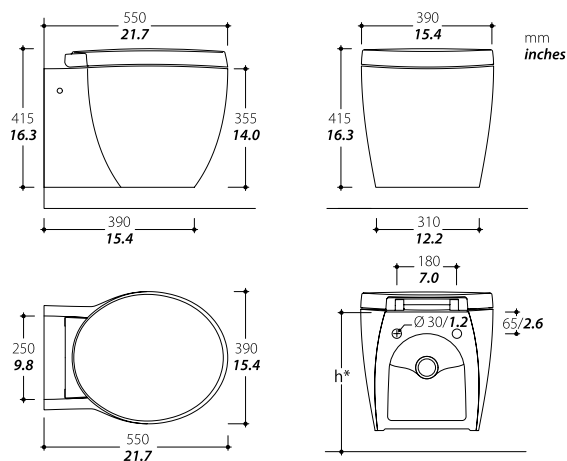
*Also on board: Acico Yacht/ Linssen Yacht/ Royal Huisman /Gulf Craft.*
*Award: Dame 2010 / nominated.*

### Evolution toilet



| | |
|---|---|
| **WEIGHT** | 27 kg / **59.5 lb** |
| **WATER USAGE** | 0.5 - 2.7 L / **0.1 - 0.7 gal** per flush |
| **COLOR** | White |
| **SEAT AND COVER** | Thermosetting with soft closing system (Sugatsune™ damper) |
| **OUTLET PUMP** | MAC 11 12/24 v, *p. 18* |
| **INLET DEVICE** | Solenoid, optional: inlet pump |
| **CONTROL PANEL** | All-in-one SFT; Multiframe SFT; Touch SFT Multifunction, *p. 71* |
| **FEATURE** | Italian ceramic, suspended, silent flush, low consumption |
| **RELATED** | Accessories, *p. 73* |



550 / *21.7*
390 / *15.4*
mm / *inches*
415 / *16.3*
355 / *14.0*
415 / *16.3*
390 / *15.4*
310 / *12.2*
180 / *7.0*
250 / *9.8*
390 / *15.4*
Ø 30/*1.2*
65/*2.6*
h*
550 / *21.7*

* Recommended height 430/450 mm/*16.9/17.7 inches*

**THETFORD** *Marine*

# E-BREEZE

## Style and technology combined

Italian ceramic

Integrated electronic bidet

Soft closing

## E-Breeze

Designed to meet the requirements of international sanitary design and hygienic needs, the E-Breeze combines the proven reliability of Tecma marine toilet systems, with the innovative technology of the electronic multifunction bidet.

The installation is easy and is ideal also for interiors, where there is no space for a separated bidet or where weight saving is required.

A full set of certifications guarantees the quality of this new product: CQC, CE, IC, IEC, IECEE.

**Electronic bidet features:**

• Posterior, feminine and 'kids' cleaning program.

• Massage function.

• Heated seat with variable temperature setting.

• Warm water with variable temperature setting.

• Dryer.

• Deodorized.

• Function IIP (Intensive Impulse Pulsation). Variable spray.

• Automatic cleansing of the wands.

*Also on board: San Lorenzo / Monte Carlo Yachts / Azimut / Dominator / Hatteras.*

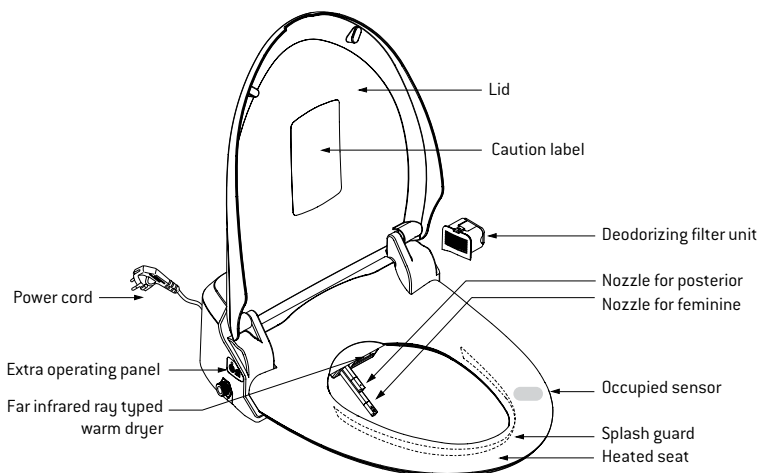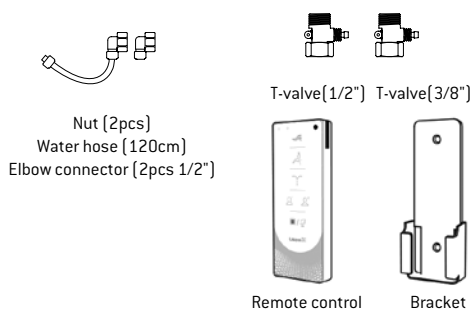*More about the E-Breeze on the next page.*
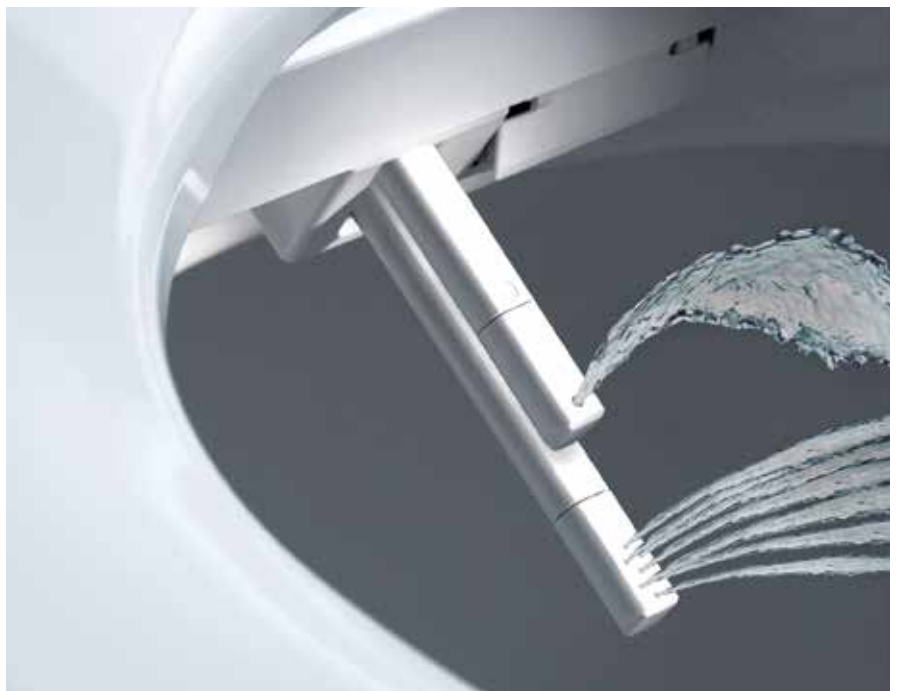
## E-Breeze toilet



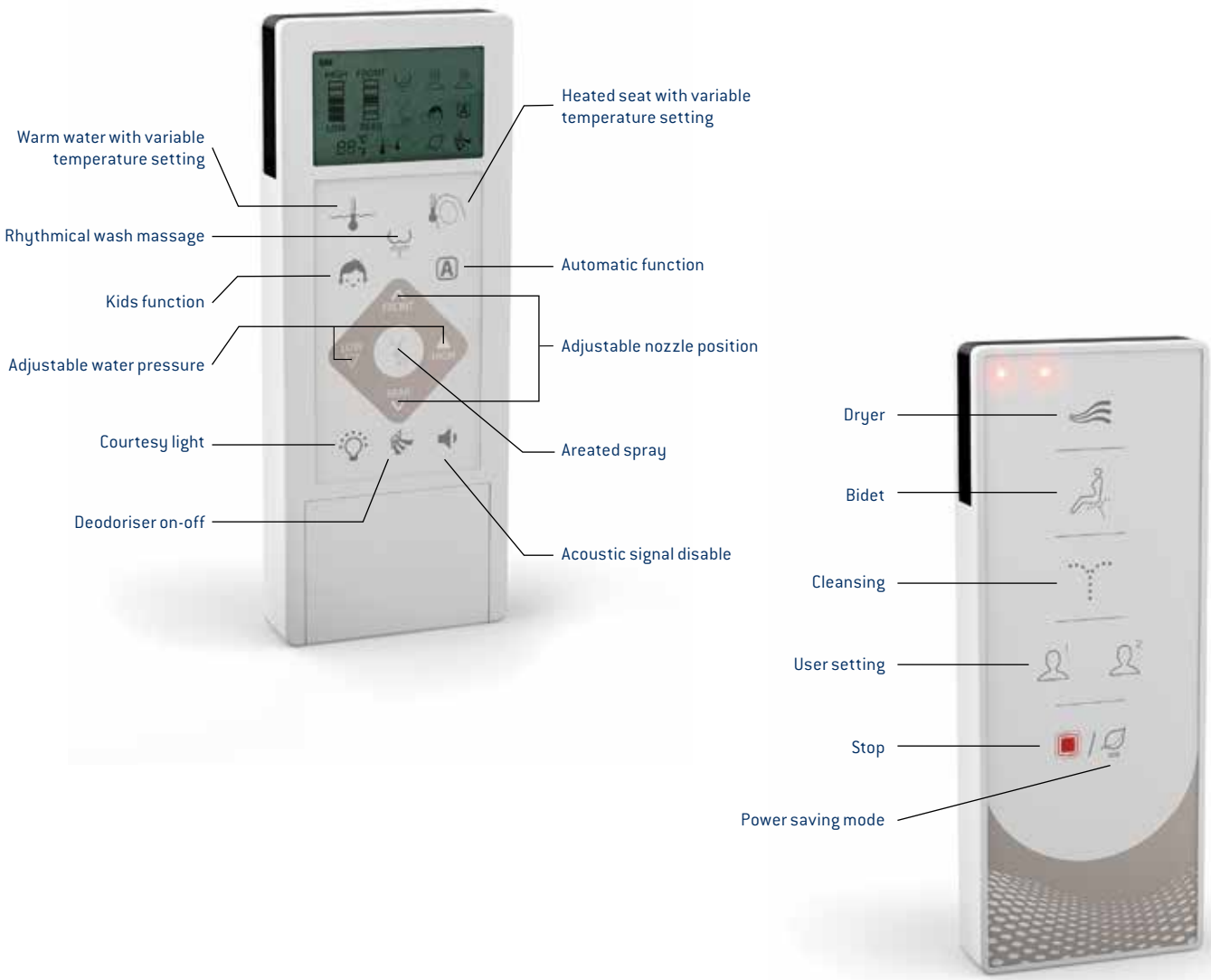| | |
|---|---|
| **WEIGHT** | 30 kg / *66.1 lb* |
| **WATER USAGE** | 0.5 - 2.7 L / **0.1 - 0.7 gal** per flush |
| **COLOR** | White |
| **SEAT AND COVER** | Multifunction seat and cover with integrated bidet, Thermosetting with soft closing system (Sugatsune™ damper) |
| **INLET DEVICE** | Solenoid, optional: inlet pump |
| **CONTROL PANEL** | All-in-one SFT; Multiframe SFT; Touch SFT Multifunction, *p. 71* |
| **BIDET** | Electronic integrated bidet |
| **FEATURE** | Italian ceramic, smooth design, silent flush, low consumption |
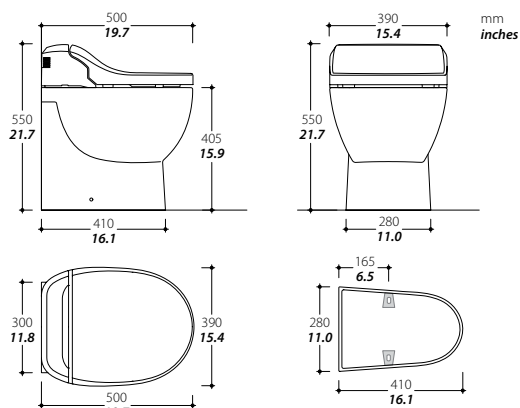
## Electronic bidet technical details

| | | |
|---|---|---|
| **Personalized controls** | | Wireless Remote Control - Batteries (AAA x 3) |
| **Power supply** | | AC 220 ~ 240 V 50/60 Hz |
| **Maximum power consumption** | | 1160 - 1380 W |
| **Tap water pressure** | | 0.79 - 7.40 Atm |
| **Heated seat** | Temperature | Adjustable (3 levels) / 34 ℃ - 40 ℃ / **93.2 °F - 104.0 °F** |
| | Safety device | Temp. fuse |
| | Power consumption | 55 - 65 W |
| **Hygiene** | Temperature | Adjustable (3 levels) / 34 ℃ - 40 ℃ / **93.2 °F - 104.0 °F** |
| | Water spray | Adjustable (5 levels) – max 1 L/min **0.2642 gpm** |
| | Safety devices | Temp. fuse Thermal switch Floating switch |
| | Power consumption | 1100 - 1309 W |
| **Air dryer** | Temperature | Adjustable (5 levels) |
| | Safety device | Temp. fuse |
| | Power consumption | 280 - 333 W |
| **Electricity safety protection** | | 15 mA - GFCI |
| **Power cord length (mm) *inches*** | | 1800 mm / **70.9 inches** |
| **N° of wands** | | 2 |
| **Degree of Protection** | | IP 24 |
| **Warranty** | | 1 year |

## Electronic bidet and components



Nut (2pcs)
Water hose (120cm)
Elbow connector (2pcs 1/2")

T-valve (1/2")   T-valve (3/8")

Remote control        Bracket

Lid
Caution label
Deodorizing filter unit
Nozzle for posterior
Nozzle for feminine
Power cord
Extra operating panel
Far infrared ray typed warm dryer
Occupied sensor
Splash guard
Heated seat

## E-Breeze remote control

The multifunction electronic bidet is activated by an elegant wireless remote control. This is a pure combination of hygiene and technology in a heavy duty and fully certified marine solution.

Warm water with variable temperature setting

Rhythmical wash massage

Kids function

Adjustable water pressure

Courtesy light

Deodoriser on-off

Heated seat with variable temperature setting

Automatic function

Adjustable nozzle position

Areated spray

Acoustic signal disable

Dryer

Bidet

Cleansing

User setting

Stop

Power saving mode

Airdryer

Catch plate

Deodorizer

Occupied sensor

Night light

**THETFORD** *Marine*

# flexi line 2G

## 50-100 ft

Flexi line 2G

Silence Plus 2G

   Silence Plus 2G Short

Silence 2G

   Silence 2G Short

*See component details on pages 66 - 69 and technical specifications on pages 18.*

**THETFORD** *marine*

# CLEVER BEAUTY
# FOR SANITARY STYLE

the next generation

*TECMA*  flexi line  50-100 ft

## Flexi line toilets fit every bathroom

One of the strengths of the current Flexi Line is the flexibility to maintain the same design in every bathroom. With the new Flexi 2G Tecma moves a step ahead with a new toilet design. The Silence Plus 2G is the foundation for the Flexi Line. The same design is available in different sizes to match every bathroom.

Big, small, or short, 2nd generation Flexi Line toilets always fit.

Silence Plus 2G          Silence Plus 2G Short          Silence 2G          Silence 2G Short

## The trusted Tecma quality with a new addition!

**With over 100,000 Tecma macerator toilets onboard worldwide, you can rely on the SAME:**

- Proven quality of current Tecma Flexi line toilets: Silence Plus and Silence
- Footprint
- Exterior dimensions
- Strong macerator technology
- Same control panel
- Same seat and cover
- 2-year warranty

Silence Plus

460 mm
510 mm
390 mm

Next Generation
Silence Plus 2G

460 mm
510 mm
390 mm

THETFORD Marine

# CLEVER IMPROVEMENTS
## ON INSTALLATION AND HYDRAULICS

**Silence Plus 2G Short**          **Silence 2G Short**



### Short version through floor installation

Some applications require a short version of toilet and bidet with an adjusted height to be installed on a step.

Without compromises on performance and quality, all Tecma components have been further optimized to make the most of the available internal space.

An installation of a short toilet through the floor requires an additional cut out of the floor to accommodate protruding motor and hoses.

Silence Plus 2G Short

Cross section
Silence Plus 2G Short, Deep Bowl
(Through Floor Installation)
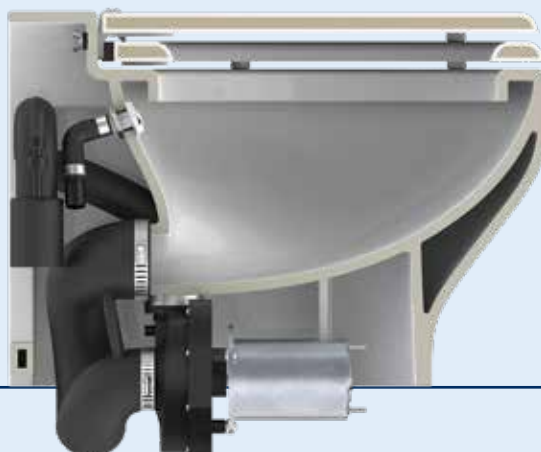


Floorplate

## Quick and hidden installation

The different installation brings a great step forward in design and is really easy and fast to fix.

- Hidden installation enhances elegant design
- Side fixing fitting set allows installation in just a few steps
- Smooth surface makes cleaning easier

## Integrated air admittance valve

Every single detail makes a difference. It's a small but essential and valuable valve and makes the difference for the new Flexi Line.

- Embedded in the internal hose system
- Prevents system installation constraints
- Optimizes venting on the discharge line
- Improves installation for a better black water system efficiency across different layouts
- Facilitates good hydraulics preventing syphoning and backflows
- Prevents service issues in the field

**THETFORD** *Marine*

# SILENCE PLUS 2G

## Great design with the comfortable 'big bowl'

Italian ceramic

36ft
295ft
Proven powerful macerator

Low water and electricity consumption

Big bowl

Quiet and fast flush cycle

Low maintenance with no need to replace vaves or seals

*TECMA*    flexi line 50-100 ft

## Silence Plus 2G

The 'big bowl' model of the Flexi-Line, the Silence Plus 2G forms the foundation for the Flexi Line. With the same features, a new design and new 2nd Generation System Improvements, it is supremely comfortable and effective. A length of 51 cm / **20.1 inches** creates an at-home seating feeling.

The model's short version is designed for installed on a raised step, usually 10 cm / **3.9 inches** high. For this purpose, the ceramic shell height is reduced to 36 cm / **14.2 inches** to compensate and match the standard seating height of 46 cm / **18.1 inches**.

*Also on board: Azimut / San Lorenzo / Del Pardo / Hatteras / HCB / Nordhavn / Marlow / Sabre / Scout / Westport / Chris Craft / Weaver.*

---

### Silence Plus 2G

| | |
|---|---|
| WEIGHT | 25.5 kg / **56.2 lb** |
| H x W x D | 460 x 390 x 510 mm / **18.1 x 15.4 x 20.1 inches** |

| | |
|---|---|
| FOOTPRINT | 405 x 280 mm / **15.9 x 11.1 inches** |
| WATER USAGE | 0.5 - 2.7 L / **0.1 - 0.7 gal** per flush |
| COLOR | White, optional: bone/black |
| SEAT AND COVER | Polyester with soft closing system (Sugatsune™ damper) |
| OUTLET PUMP* | MAC 11 12/24 v, *p. 18* |
| INLET DEVICE | Solenoid, optional: inlet pump |
| CONTROL PANEL | All-in-one SFT; Multiframe SFT; Touch SFT Multifunction, p. 71 |

*\*2G 110V configurations are potentially available on request.
Please consult our sales representatives.*

### Silence Plus 2G Short

| | |
|---|---|
| WEIGHT | 23.5 kg / **51.8 lb** |
| H x W x D | 360 x 390 x 510 mm / **13.8 x 15.4 x 20.1 inches** |

| | |
|---|---|
| FOOTPRINT | 405 x 280 mm / **15.9 x 11.1 inches** |
| WATER USAGE | 0.5 - 2.7 L / **0.1 - 0.7 gal** per flush |
| COLOR | White, optional: bone |
| SEAT AND COVER | Polyester with soft closing system (Sugatsune™ damper) |
| OUTLET PUMP* | MAC 11 12/24 v, *p. 18* |
| INLET DEVICE | Solenoid, optional: inlet pump |
| CONTROL PANEL | All-in-one SFT; Multiframe SFT; Touch SFT Multifunction, p. 71 |

THETFORD *Marine*
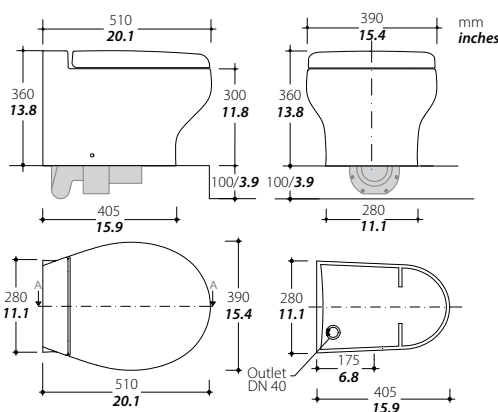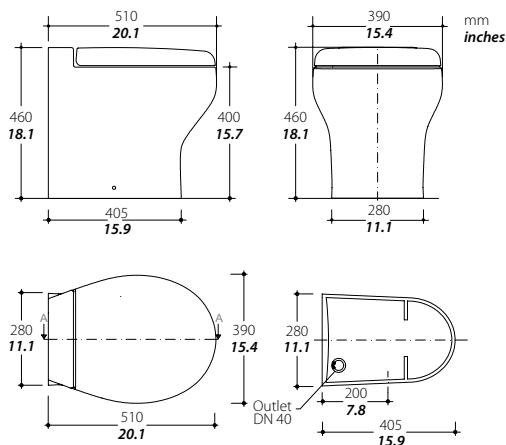
# SILENCE 2G

## Maximize the comfort within reduced space

Italian ceramic

36 ft
295 ft
Proven powerful macerator

Low water and electricity consumption

Medium bowl

Quiet and fast flush cycle

Low maintenance with no need to replace vaves or seals



*TECMA*  flexi line  50-100 ft

## Silence 2G

As with Silence Plus 2G, the Silence 2G offers the same smooth design and smart 2nd Generation System Improvements. It just differs in size. Silence 2G models are the 'medium bowl' size model of the Flexi Line – and all about maximizing comfort in reduced space. A length of 43 cm / **16.9 inches** creates the at-home seat feeling.

The Silence 2G Short is designed to be installed on a raised step, usually 10 cm / **3.9 inches** high. For this purpose, the ceramic shell height is reduced to 36 cm / **14.2 inches** to compensate and match the standard seating height of 46 cm / **18.1 inches**.

*Also on board: San Lorenzo / CNB / Montecarlo Yachts / Bertram Yachts / F&S Yachts / Ocean Alexander / Chris Craft / Yellowfin.*

| Silence 2G | | Silence 2G Short | |
|---|---|---|---|
| WEIGHT | 22.5 kg / **49.6 lb** | WEIGHT | 19.5 kg / **42.9 lb** |
| H x W x D | 460 x 370 x 430 mm / **18.1 x 14.6 x 16.9 inches** | H x W x D | 360 x 370 x 430 mm / **14.2 x 14.6 x 16.9 inches** |
| FOOTPRINT | 390 x 280 mm / **15.4 x 11.1 inches** | FOOTPRINT | 390 x 280 mm / **15.4 x 11.1 inches** |
| WATER USAGE | 0.5 - 2.7 L / **0.1 - 0.7 gal** per flush | WATER USAGE | 0.5 - 2.7 L / **0.1 - 0.7 gal** per flush |
| COLOR | White, optional: bone | COLOR | White, optional: bone |
| SEAT AND COVER | Polyester with soft closing system (Sugatsune™ damper) | SEAT AND COVER | Polyester with soft closing system (Sugatsune™ damper) |
| OUTLET PUMP* | MAC 11 12/24 v, *p. 18* | OUTLET PUMP* | MAC 11 12/24 v, *p. 18* |
| INLET DEVICE | Solenoid, optional: inlet pump | INLET DEVICE | Solenoid, optional: inlet pump |
| CONTROL PANEL | All-in-one SFT; Multiframe SFT; Touch SFT Multifunction, p. 71 | CONTROL PANEL | All-in-one SFT; Multiframe SFT; Touch SFT Multifunction, p. 71 |

*\*2G 110V configurations are potentially available on request. Please consult our sales representatives.*

**THETFORD** *Marine*
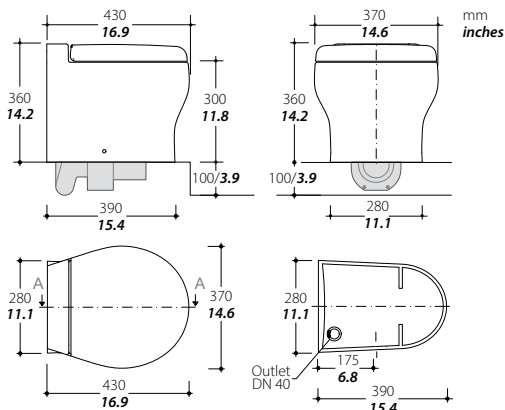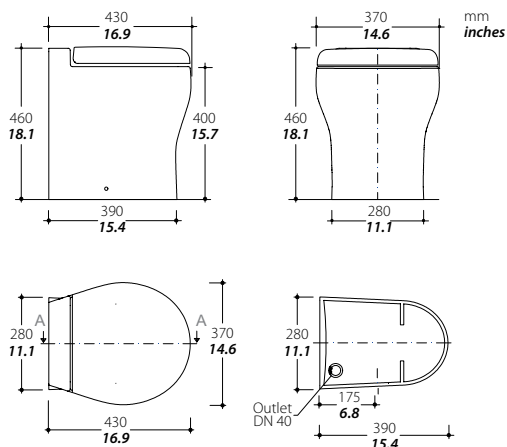
# compact line

**20-50 ft**

Nano

Compass

   Compass short

Easy Fit

   Easy Fit short

*See component details on pages 64-69 and technical specifications on pages 76-81.*

**THETFORD** *Marine*

# NANO

**2010 DAME** DESIGN AWARD METS NOMINEE

**Boating Industry TOP PRODUCTS 2015**

## Small in size, great in performance

**Small footprint**

13ft / 130ft **Proven powerful macerator**

**Low water and electricity consumption**

**Self-contained and easy to install**

**Quiet and fast flush cycle**

**Low maintenance with no need to replace valves or seals**

# Nano

The Nano design combines  a beautiful comfortable design with the smallest height in the market by still offering a reliable macerator toilet high performance. Expecially designed to satisfy builders' stringent requirements, it's an innovative solution which Thetford Marine has created by embedding all technology in such a small space as 295 mm / *11.6 inches*. Silent as all Tecma toilets and particularly light due to his size, the Nano uses the consolidated ECO smart flush allowing to consume less water and power.

**Extra low profile marine toilet:**

• Quiet and fast flush cycle.

• Self contained and easy to install.

• No need of replacing seals or gaskets.

• Low water and electricity consumption.

• Super powerful macerator turbine technology.

*Also on board: Chaparral Boats / Monterey / Edgewater / Fountain / Invincible / Back Cove / Regal / Solace / Sailfish.*
*Award: Dame 2014 / nominated.*

---

## Nano toilet

| | |
|---|---|
| **WEIGHT** | 17.6 kg / *38.8 lb* |
| **WATER USAGE** | 0.5 - 2 L / *0.1 - 0.5 gal* per flush |
| **COLOR** | White |
| **SEAT AND COVER** | Thermosetting |
| **OUTLET PUMP** | MAC 4 12/24 v, *p. 19* |
| **INLET DEVICE** | Solenoid / inlet pump |
| **CONTROL PANEL** | Eco rocker / Premium Plus, *p. 71* |
| **FEATURE** | Italian ceramic, silent flush, low consumption, Only 295 mm / 11.6 inches |

**THETFORD** *Marine*
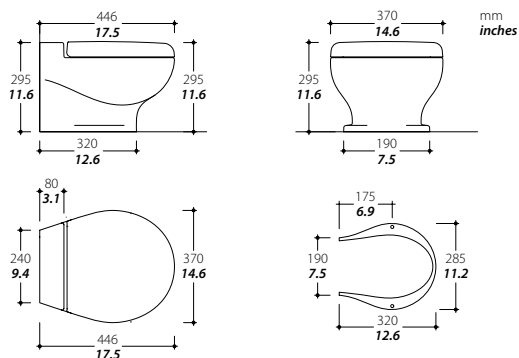
# COMPASS

## Maximum flexibility to fit everywhere

Only 295 mm / 11.6 inches

13ft / 130ft Proven powerful macerator

Low water and electricity consumption

Self-contained and easy to install

Quiet and fast flush cycle

Low maintenance with no need to replace vaves or seals

Soft closing system

**TECMA**  compact line  20-50 ft

## Compass Short

The narrow footprint and smart back of the Compass toilet gives maximum space and maximum flexibility wherever it is installed on board. It can go straight to wall or even further towards the hull thanks to the cut away. The Compass is not limited by a vertical back. In this way the visual installation remains perfect, whatever installation space you have. The small footprint and the hose design facilitate a very easy installation. The discharge pipes can easily be connected either below the step or surface mounted in all directions. By having both a high and a short profile, the Compass range offers the maximum flexibility on board.

The performance of the macerator pump meets all quality standards, while the technology inside the toilet has been further developed to keep the sound emission to the lowest level possible, while limiting the water and electrical consumption to minimal levels. The installation, plumbing and wiring is easy and fast, with virtually no maintenance.

Both Compass High and Short version are equipped with an *innovative soft-closing system.* A gentle finger touch to the lid activates the soft-close damper mechanism, which controls the closing speed of the cover. In addition to user convenience, a slow-closing lid keeps noise to a minimum and prevents potential damage to the toilet seat. The soft-close damper mechanism is a design original to Tecma.
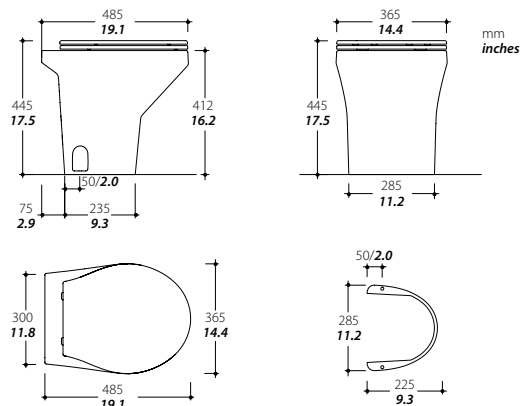
**Also on board: Absolute / Cranchi / Galeon / Aviara / Bertram / Blackfin / Caymas / Sabre.**
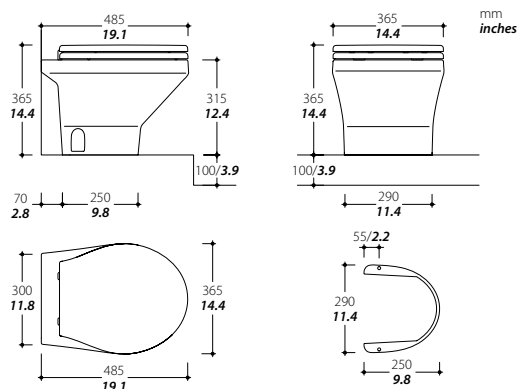
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Compass



Soft closing system

Compass Short



| WEIGHT | 21.5 kg / *47.4 lb* |
| --- | --- |
| WATER USAGE | 0.5 - 2 L / *0.1 - 0.5 gal* per flush |
| COLOR | White |
| SEAT AND COVER | Thermosetting with soft closing system |
| OUTLET PUMP | MAC 4 12/24 v, *p. 19* |
| INLET DEVICE | Solenoid / Inlet pump |
| CONTROL PANEL | Eco rocker / Premium Plus, *p. 71* |
| FEATURE | Italian ceramic, silent flush, low consumption. |

| WEIGHT | 19.5 kg / *43.0 lb* |
| --- | --- |
| WATER USAGE | 0.5 - 2 L / *0.1 - 0.5 gal* per flush |
| COLOR | White |
| SEAT AND COVER | Thermosetting with soft closing system |
| OUTLET PUMP | MAC 4 12/24 v, *p. 19* |
| INLET DEVICE | Solenoid / Inlet pump |
| CONTROL PANEL | Eco rocker / Premium Plus, *p. 71* |
| FEATURE | Italian ceramic, silent flush, low consumption. |

**THETFORD** *Marine*

# EASY FIT

## Small compact and powerful

**Small footprint**

13ft
130ft

**Proven powerful macerator**

**Low water and electricity consumption**

**Self-contained and easy to install**

**Quiet and fast flush cycle**

**Low maintenance with no need to replace vaves or seals**

## Easy Fit

The Easy Fit is already found on board many small yachts and tenders. With a compact design, exquisite china exterior and electric flush, the Easy Fit models are powerful performers. Comfortable ceramic bowls, high output, low water consumption and silent flush are only a few of the many features of this model.

This model is available in two different sizes, namely the standard height model and the short height version for installations where mounted on top of a raised step. The special geometry of the back side, allows an easy installation against both straight and angled walls.
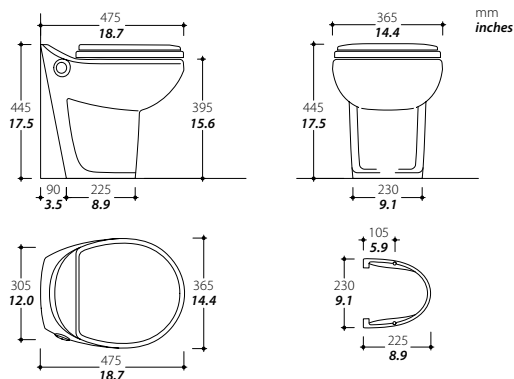
The installation, plumbing and wiring is easy and fast, with no maintenance required. The toilet can be operated in combination with two different control panels: Eco and Premium Plus.

*Also on board: Azimut / Chaparral / Cigarette Racing / Jupiter / Marquis / Regal / Regulator / Sabre / Scout / Monterey / Sailfish.*

| Easy Fit toilet | | Easy Fit Short toilet | |
|---|---|---|---|
| WEIGHT | 21.5 kg / **47.4 lb** | WEIGHT | 19.5 kg / **43.0 lb** |
| WATER USAGE | 0.5 - 2 L / **0.1 - 0.5 gal** per flush | WATER USAGE | 0.5 - 2 L / **0.1 - 0.5 gal** per flush |
| COLOR | White; optional: bone | COLOR | White, optional: bone |
| SEAT AND COVER | Wood with multicoat enamel finish | SEAT AND COVER | Wood with multicoat enamel finish |
| OUTLET PUMP | MAC 4 12/24 v, *p. 19* | OUTLET PUMP | MAC 4 12/24 v, *p. 19* |
| INLET DEVICE | Solenoid / Inlet pump | INLET DEVICE | Solenoid / Inlet pump |
| CONTROL PANEL | Eco rocker / Premium Plus, *p. 71* | CONTROL PANEL | Eco rocker / Premium Plus, *p. 71* |
| FEATURE | Compact, silent flush, low consumption | FEATURE | Compact, silent flush, low consumption |
| RELATED | Accessories, *p. 73* | RELATED | Accessories, *p. 73* |

**THETFORD** *Marine*
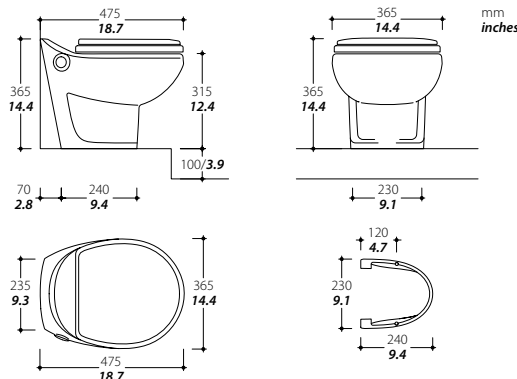
# HOW TO ORDER

## WHAT YOU NEED TO ORDER TO RECEIVE A FUNCTIONING TOILET

**> 100 ft**

**Design line**  **& Flexi line**  **50-100 ft**

---

### FRESH WATER

**Toilet SKU**



**TOILET**

**SOLENOID**

**+**

**Control Panel SKU**



**ALL-IN-ONE SFT** (1 or 2 button)



**MULTIFRAME SFT**



**TOUCH SFT MULTIFUNCTION**

• Includes everything but the control panel

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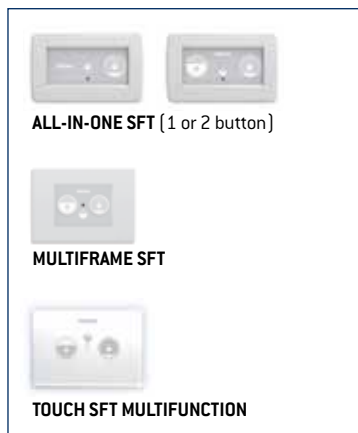
### RAW WATER

For raw water, order inlet pump kit separately and disregard soleoid.



**INLET PUMP**

# Compact line

**25-50 ft**

## Eco Kit

### TOILET SKU

COMPASS

EASYFIT          CONTROLLER

NANO

**+**

**ECO KITS: SKUs**

### FRESH WATER

SOLENOID          ECO ROCKER SWITCH          ELECTRICAL CONNECTOR WIRE HARNESS

### RAW WATER

**With Inlet Pump**

INLET PUMP          ECO ROCKER SWITCH          ELECTRICAL CONNECTOR WIRE HARNESS          FITTING

**Without Inlet Pump**

ECO ROCKER SWITCH          ELECTRICAL CONNECTOR WIRE HARNESS          FITTING

- Controller included
- Panel switch not included (to be ordered with Eco Kit SKU)

---

## Premium Plus Kit

### TOILET SKU

COMPASS

EASYFIT          CONTROLLER

NANO          PREMIUM PLUS CONTROL PANEL

**+**

**PREMIUM PLUS KITS: SKUs**

### FRESH WATER

SOLENOID          WATER FITTING

### RAW WATER

**Water Fitting with Inlet Pump**

INLET PUMP          WATER FITTING

**Water Fitting without Inlet Pump**

WATER FITTING

- Controller and Panel switch included

**THETFORD** *Marine*

# MENU ORDERING SKUs

**Design line** `> 100 ft` **& Flexi line** `50-100 ft`

| TOILETS | | | |
|---|---|---|---|
| | **SKU** | **SHORT DESCRIPTION** | **EXTENDED DESCRIPTION** |
| SILENCE 2G | 98357 | T-S2G-012-H-W-PSOF-S-00000-0-0 | SILENCE 2G 12V, HIGH, WHITE, WITH WOOD POLYESTER SOFT CLOSE SEAT & STANDARD SOLENOID |
| | 98356 | T-S2G-012-D-W-PSOF-S-00000-0-0 | SILENCE 2G 12V, SHORT, WHITE, WITH WOOD POLYESTER SOFT CLOSE SEAT & STANDARD SOLENOID |
| | 98355 | T-S2G-024-H-W-PSOF-S-00000-0-0 | SILENCE 2G 24V, HIGH, WHITE, WITH WOOD POLYESTER SOFT CLOSE SEAT & STANDARD SOLENOID |
| | 98354 | T-S2G-024-D-W-PSOF-S-00000-0-0 | SILENCE 2G 24V, SHORT, WHITE, WITH WOOD POLYESTER SOFT CLOSE SEAT & STANDARD SOLENOID |
| | 98353 | T-S2G-012-H-P-PSOF-S-00000-0-0 | SILENCE 2G 12V, HIGH, BONE, WITH WOOD POLYESTER SOFT CLOSE SEAT & STANDARD SOLENOID |
| | 98352 | T-S2G-012-D-P-PSOF-S-00000-0-0 | SILENCE 2G 12V, SHORT, BONE, WITH WOOD POLYESTER SOFT CLOSE SEAT & STANDARD SOLENOID |
| | 98351 | T-S2G-024-H-P-PSOF-S-00000-0-0 | SILENCE 2G 24V, HIGH, BONE, WITH WOOD POLYESTER SOFT CLOSE SEAT & STANDARD SOLENOID |
| | 98350 | T-S2G-024-D-P-PSOF-S-00000-0-0 | SILENCE 2G 24V, SHORT, BONE, WITH WOOD POLYESTER SOFT CLOSE SEAT & STANDARD SOLENOID |
| SILENCE 2G 110 v | 98331 | T-S2G-110-H-W-PSOF-S-00000-0-0 | SILENCE 2G 110v, HIGH, WHITE, WITH POLYESTER SOFT CLOSE & STANDARD SOLENOID |
| SILENCE PLUS 2G | 98349 | T-S+2-012-H-W-PSOF-S-00000-0-0 | SILENCE PLUS 2G 12V, HIGH, WHITE, WITH WOOD POLYESTER SOFT CLOSE SEAT & STANDARD SOLENOID |
| | 98348 | T-S+2-012-D-W-PSOF-S-00000-0-0 | SILENCE PLUS 2G 12V, SHORT, WHITE, WITH WOOD POLYESTER SOFT CLOSE SEAT & STANDARD SOLENOID |
| | 98347 | T-S+2-024-H-W-PSOF-S-00000-0-0 | SILENCE PLUS 2G 24V, HIGH, WHITE, WITH WOOD POLYESTER SOFT CLOSE SEAT & STANDARD SOLENOID |
| | 98346 | T-S+2-024-D-W-PSOF-S-00000-0-0 | SILENCE PLUS 2G 24V, SHORT, WHITE, WITH WOOD POLYESTER SOFT CLOSE SEAT & STANDARD SOLENOID |
| | 98345 | T-S+2-012-H-P-PSOF-S-00000-0-0 | SILENCE PLUS 2G 12V, HIGH, BONE, WITH WOOD POLYESTER SOFT CLOSE SEAT & STANDARD SOLENOID |
| | 98344 | T-S+2-012-D-P-PSOF-S-00000-0-0 | SILENCE PLUS 2G 12V, SHORT, BONE, WITH WOOD POLYESTER SOFT CLOSE SEAT & STANDARD SOLENOID |
| | 98343 | T-S+2-024-H-P-PSOF-S-00000-0-0 | SILENCE PLUS 2G 24V, HIGH, BONE, WITH WOOD POLYESTER SOFT CLOSE SEAT & STANDARD SOLENOID |
| | 98342 | T-S+2-024-D-P-PSOF-S-00000-0-0 | SILENCE PLUS 2G 24V, SHORT, BONE, WITH WOOD POLYESTER SOFT CLOSE SEAT & STANDARD SOLENOID |
| | 98333 | T-S+2-012-H-B-PSOF-S-00000-0-0 | SILENCE PLUS 2G 12V, HIGH, BLACK, WITH WOOD POLYESTER SOFT CLOSE SEAT & STANDARD SOLENOID |
| | 98334 | T-S+2-024-H-B-PSOF-S-00000-0-0 | SILENCE PLUS 2G 24V, HIGH, BLACK, WITH WOOD POLYESTER SOFT CLOSE SEAT & STANDARD SOLENOID |
| SILENCE PLUS 2G 110 V | 98341 | T-S+2-110-H-W-PSOF-S-00000-0-0 | SILENCE PLUS 2G 110V, HIGH, WHITE, WITH WOOD POLYESTER SOFT CLOSE SEAT & STANDARD SOLENOID |
| DESIGN LINE | 98340 | T-PRI-024-H-W-TSOF-S-00000-0-0 | PRIVILEGE 24V, HIGH, WHITE, WITH THERMOSETTING SOFT CLOSE SEAT & STANDARD SOLENOID |
| | 98339 | T-EV2-024-H-W-TSOF-S-00000-0-0 | EVOLUTION 24V, HIGH, WHITE, WITH THERMOSETTING SOFT CLOSE SEAT & STANDARD SOLENOID |
| | 98338 | T-BRU-012-H-W-TSOF-S-00000-0-0 | EBREEZE 12V, HIGH, WHITE, WITH THERMOSETTING SOFT CLOSE ELECTRONIC COVER BIDET & STANDARD SOLENOID |
| | 98337 | T-BRU-024-H-W-TSOF-S-00000-0-0 | EBREEZE 24V, HIGH, WHITE, WITH THERMOSETTING SOFT CLOSE ELECTRONIC COVER BIDET & STANDARD SOLENOID |
| | 98336 | T-XLI-024-H-B-TSTD-S-00000-0-0 | X-LIGHT CARBON TOILET 24V, HIGH, CARBON CLEAR COATED, STANDARD CARBON COVER SEAT & STANDARD SOLENOID |
| | 98335 | T-XLI-024-S-B-TSTD-S-00000-0-0 | X-LIGHT CARBON TOILET 24V, SHORT, CARBON CLEAR COATED, STANDARD CARBON COVER SEAT & STANDARD SOLENOID |

| CONTROL PANELS | | |
|---|---|---|
| | **SKU** | **DESCRIPTION** |
| CONTROL PANELS | 36082 | STANDARD ALL IN ONE SFT 1B CONTROL PANEL |
| | 38072B | STANDARD ALL IN ONE SFT 2B CONTROL PANEL |
| | 98126B | MULTIFRAME SFT 2B CONTROL PANEL |
| | 98122B | TOUCH GLASS SFT 2B CONTROL PANEL |
| | 98131 | CUSTOM MADE - ALL IN ONE SFT 2B CONTROL PANEL (DEUTSCH CONNECTORS) |

| OPTION (RAW WATER KIT) | | |
|---|---|---|
| | **SKU** | **DESCRIPTION** |
| RAW WATER KITS | 38147 | MARINE WATER PUMP 24V |
| | 38148 | MARINE WATER PUMP 12V |

# Compact line

**25-50 ft**

| TOILETS | | |
|---|---|---|
| | **SKU** | **DESCRIPTION** |
| EASYFIT ECO | 38485 | EASYFIT ECO (HI) WHITE 12V (WITHOUT SOLENOID AND WITHOUT ROCKER SWITCH) |
| | 38486 | EASYFIT ECO (LO) WHITE 12V (WITHOUT SOLENOID AND WITHOUT ROCKER SWITCH) |
| | 38489 | EASYFIT ECO (HI) WHITE 24V (WITHOUT SOLENOID AND WITHOUT ROCKER SWITCH) |
| | 38490 | EASYFIT ECO (LO) WHITE 24V (WITHOUT SOLENOID AND WITHOUT ROCKER SWITCH) |
| | 38487 | EASYFIT ECO (HI) BONE 12V (WITHOUT SOLENOID AND WITHOUT ROCKER SWITCH) |
| | 38488 | EASYFIT ECO (LO) BONE 12V (WITHOUT SOLENOID AND WITHOUT ROCKER SWITCH) |
| | 38491 | EASYFIT ECO (HI) BONE 24V (WITHOUT SOLENOID AND WITHOUT ROCKER SWITCH) |
| | 38492 | EASYFIT ECO (LO) BONE 24V (WITHOUT SOLENOID AND WITHOUT ROCKER SWITCH) |
| EASYFIT PREMIUM PLUS | 38830 | EASYFIT PREMIUM PLUS (HI) WHITE 12V (WITHOUT SOLENOID) |
| | 38832 | EASYFIT PREMIUM PLUS (LO) WHITE 12V (WITHOUT SOLENOID) |
| | 38831 | EASYFIT PREMIUM PLUS (HI) WHITE 24V (WITHOUT SOLENOID) |
| | 38833 | EASYFIT PREMIUM PLUS (LO) WHITE 24V (WITHOUT SOLENOID) |
| | 38834 | EASYFIT PREMIUM PLUS (HI) BONE 12V (WITHOUT SOLENOID) |
| | 38836 | EASYFIT PREMIUM PLUS (LO) BONE 12V (WITHOUT SOLENOID) |
| | 38835 | EASYFIT PREMIUM PLUS (HI) BONE 24V (WITHOUT SOLENOID) |
| | 38837 | EASYFIT PREMIUM PLUS (LO) BONE 24V (WITHOUT SOLENOID) |
| NANO ECO | 38983 | NANO ECO WHITE 12 V (WITHOUT SOLENOID AND WITHOUT ROCKER SWITCH) |
| | 38984 | NANO ECO WHITE 24 V (WITHOUT SOLENOID AND WITHOUT ROCKER SWITCH) |
| | 38995 | NANO ECO WHITE 12 V DEUTSCH CONN. (WITHOUT SOLENOID AND WITHOUT ROCKER SWITCH) |
| | 98096 | NANO ECO WHITE 24 V DEUTSCH CONN. (WITHOUT SOLENOID AND WITHOUT ROCKER SWITCH) |
| NANO PREMIUM PLUS | 38985 | NANO PREM PLUS WHITE 12 V (WITHOUT SOLENOID) |
| | 38986 | NANO PREM PLUS WHITE 24 V (WITHOUT SOLENOID) |
| COMPASS ECO | 38990 | TECMA COMPASS ECO (LO) 12 V SOLENOID (WITHOUT SOLENOID AND WITHOUT ROCKER SWITCH) |
| | 38991 | TECMA COMPASS ECO (LO) 24 V SOLENOID (WITHOUT SOLENOID AND WITHOUT ROCKER SWITCH) |
| | 98305 | TECMA COMPASS ECO (HI) 12 V SOLENOID (WITHOUT SOLENOID AND WITHOUT ROCKER SWITCH) |
| | 98307 | TECMA COMPASS ECO (HI) 24 V SOLENOID (WITHOUT SOLENOID AND WITHOUT ROCKER SWITCH) |
| COMPASS PREMIUM PLUS | 38992 | TECMA COMPASS PREM PLUS (LO) 12 V (WITHOUT SOLENOID) |
| | 38993 | TECMA COMPASS PREM PLUS (LO) 24 V (WITHOUT SOLENOID) |
| | 98306 | TECMA COMPASS PREM PLUS (HI) 12 V (WITHOUT SOLENOID) |
| | 98308 | TECMA COMPASS PREM PLUS (HI) 24 V (WITHOUT SOLENOID) |

| ECO KITS | | |
|---|---|---|
| | **SKU** | **DESCRIPTION** |
| ECO | 38670 | ECO SOLENOID, HARNESS & ACC PKG 12V |
| | 38680 | ECO SOLENOID, HARNESS & ACC PKG 24V |
| | 38679 | ECO RAW PUMP & HARNESS & ACC PKG 12V |
| | 38682 | ECO RAW PUMP & HARNESS & ACC PKG 24V |
| | 38671 | ECO RAW WATER FITTING + ELECTRICAL CONNECTOR + WIRE HARNESS AND SWITCH 12V (W/O WATER PUMP) |
| | 38681 | ECO RAW WATER FITTING + ELECTRICAL CONNECTOR + WIRE HARNESS AND SWITCH 24V (W/O WATER PUMP) |

| PREMIUM PLUS KITS | | |
|---|---|---|
| | **SKU** | **DESCRIPTION** |
| PREMIUM PLUS | 38862 | RAW WATER PUMP & FITTING 12V |
| | 38863 | RAW WATER PUMP & FITTING 24V |
| | 38859 | SOLENOID FOR FRESH WATER COMPACT LINE (12V) |
| | 38860 | SOLENOID FOR FRESH WATER COMPACT LINE (24V) |
| | 38861 | RAW WATER FITTING + ELECTRICAL CONNECTOR (PREMIUM PLUS) |

**THETFORD** *Marine*

# portable line

**< 30 ft**

Porta Potti 565E

Porta Potti 135/335

Porta Potti 345

Porta Potti 365

THETFORD *Marine*

# PORTABLE SANITATION

## Don't make sacrifices when you "hit the water"

That's why Thetford Marine Heads are designed to offer comfort, convenience and a worry-free trip. They're sanitary, odorless, leakproof and contain their own fresh water supply for flushing. Quality construction, compact design and ease of operation — Thetford Heads are designed and built to give years of trouble-free service. Made from light-weight, high-impact plastics, they are rugged, durable and reliable — functioning day-after-day, trip-after-trip.

### *Porta Potti®*

## Still the original...and the best!

### Features

- Durable, easy to use and clean
- Contemporary styling with integrated
  seat and cover
- Ergonomic Carrying Handle
- Lid Latch
- Exclusive, rotating Pour-Out Spout
- Removable seat and cover for easy cleaning
- Sealed valve keeps odors in holding tank
- Optional Hold-Down Bracket:
  - For 345 model: SKU# 92921
  - For 365 model: SKU# 92922
- Easy-to-read Level Indicator tells when it's time to empty*
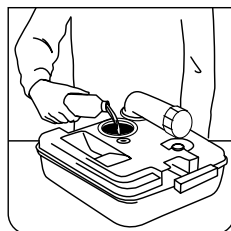- Piston pump flush*

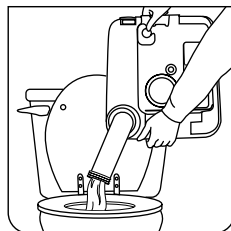*except 135

### To Prepare for use:
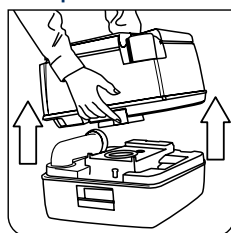


*Separate the tanks*
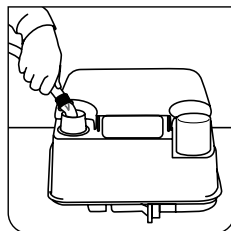


*Fill the upper tank with tap water*



*Add deoderant to the lower tank*

### To Empty:



*Rotate spout, remove cap, press air relief valve button and pour into toilet*

### 565E Features

- Battery-powered flush
- Sleek, modern and homelike design
- Comfortable seat height
- Increased bowl size
- Hidden controls
- User-friendly Flush Lever
- Improved Water Tank Carrying Handle
- Optional Hold-Down Kit (SKU# 92415)
- Integrated Toilet Paper Holder
- Holding Tank Level Indicator for
  fresh water and waste tanks



**565E**

Porta Potti 565E awards:

# Porta Potti ®

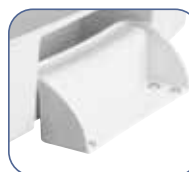## Also available for MSD application with models

**135**

**335**

**365**

*MSD versions require a dedicated discharge port and vent through hull. Instead of having the pour spout on the waste tank, this device allows you to fit a hose on the waste tank to be directly plumbed to a deck fitting for shore side discharge at a Pump Out Station without removing the Porta Potti.*

*Optional Hold-Down Bracket*

## How to transform PP 135, 335 and 365 into a MSD

- For PP 135/335 purchase the short MSD fitting #40158 and replace the pour spout
- For 365 purchase the long MSD fitting #40157 and replace the pour spout

**#40158**

**#40157**

| | Porta Potti 565E | Porta Potti 345 | MSD versions Porta Potti 135/335 | MSD versions Porta Potti 365 |
|---|---|---|---|---|
| **SKU / Model** | 92306 / 565E | 92814 / 345 | 92860/135 Bellows 92861/135 Bellows Marine 92828/335 Piston Marine | 92820 / 365 |
| **H x W x D** | 448 x 388 x 450 mm 17.6 X 15.3 X 17.7 in | 330 x 383 x 427 mm 13.0 x 15.1 x 16.8 in | 313 x 342 x 382 mm 12.3 x 13.5 x 15 in | 414 x 383 x 427 mm 16.3 x 15.1 x 16.8 in |
| **Seating height** | 443 mm 17.4 inches | 338 mm 13.3 inches | 308 mm 12.1 inches | 417 mm 16.4 inches |
| **Color** | White | White | White | White |
| **Flushing system** | Electric | Piston | Bellow / Piston | Piston |
| **Average flushes** | 56 | 33 | 27 | 56 |
| **Waste-holding tank level indicator** | Yes | Yes | Yes *(except 92860/135)* | Yes |
| **Waste-holding tank capacity** | 20.8 L / 5.5 gal | 12.1 L / 3.2 gal | 9.8 L / 2.6 gal | 20.8 L / 5.5 gal |
| **Flush-water tank level indicator** | Yes | No | No | No |
| **Flush-water tank capacity** | 15 L / 4.0 gal | 15 L / 4.0 gal | 10 L / 2.6 gal | 15 L / 4.0 gal |
| **Weight kg / lb** | 5.7 kg / 12.5 lb | 4.5 kg / 10 lb | 3.9 kg / 8.8 lb | 4.8 kg / 10.5 lb |
| **Hold-Down Kit** | optional (92415) | optional (92921) | included *(except 92860/135)* | optional (92922) |

**THETFORD** Marine

# holding tank care

**THETFORD** *Marine*

# THETFORD
# HOLDING TANK CARE

## Holding Tank Deodorants

### AquaBio™, a new twist on holding tank treatments.

Thetford has been developing Toilet Care products, which ensure proper functioning of our mobile toilets, for over 50 years. The research departments in the renowned company-owned laboratories and external institutes, constantly develop and test new products. To reduce the risk of damage, premature wear and problems when emptying the waste holding tank, it is recommended to use Thetford Toilet Care products.

The toilet additives prevent unpleasant smells, suppress gas formation and keep the inside of the waste holding tank clean.

Thetford's next generation of holding tank solutions complies with new California regulations. *AquaBio™* offers today's boaters a Formaldehyde and Bronopal Free formula.

The quick-acting holding tank treatment eliminates odors while digesting waste and toilet paper to prevent clogging, all without any harsh chemicals.

*AquaBio™* is formulated and tested safe for marine heads & toilets, holding tanks and septic systems.

### AquaBio™ Liquid
• Quickly breaks down and liquefies waste and toilet
• Extended odor control
• Citrus Twist Scent

### AquaBio™ Toss-Ins
• Quick-acting formula in a convenient package
• Water-soluble packets that easy to use: Simply toss 'em in the toilet and flush!

### AquaBio™ Dry
• Waterproof packs with non-dusting granules
• Convenient package: tear open foil, empty content in toilet, and flush

## NO FORMALDEHYDE • NO BRONOPOL

| | Description | Qty per Carton | Carton Wt (lb) | Carton Vol (cf) |
|---|---|---|---|---|
| 96590 | AquaBIO™ 16-Pack Toss-Ins® | 12 | 15.0 | 0.56 |
| 96591 | AquaBIO™ 30-Pack Toss-Ins® | 4 | 12.0 | 0.51 |
| 96600 | AquaBIO™ 8-Pack Dry Granules | 12 | 14.4 | 0.54 |
| 96604 | AquaBIO™ 6-Pack – 8-oz. Liquid 6 | 6 | 24.4 | 0.92 |
| 96607 | AquaBIO™ 32-oz. Liquid | 12 | 28.8 | 0.77 |
| 96610 | AquaBIO™ 64-oz. Liquid | 6 | 29.2 | 0.84 |
| 96614 | AquaBIO™ 1-gallon Liquid | 4 | 39.0 | 1.01 |

## AquaMax®

*AquaMax®* Holding Tank Treatment's advanced-action Enzyme Powered Formula neutralizes odors and accelerates waste digestion to prevent clumping, clogging and tank residue, all at the same time.

- Advanced-Action
- Triple Enzyme Formula
- Beneficial Probiotics
- Maximum Odor Control
- Breaks Down Waste & Tissue
- Marina Friendly and Septic Safe

**NEW!**

### NO FORMALDEHYDE • NO BRONOPOL

| | Spring Showers Scent | Qty per Carton | Carton Wt (lb) | Carton Vol (cf) |
|---|---|---|---|---|
| 96631 | AquaMax® 16-Pack Toss-Ins® | 12 | 13.5 | 0.42 |
| 96632 | AquaMax® 30-Pack Toss-Ins® | 4 | 13.5 | 0.40 |
| 96633 | AquaMax® 8-Pack Dry Granules | 12 | 13.5 | 0.41 |
| 96634 | AquaMax® 6-Pack – 8-oz. Liquid | 6 | 17.5 | 0.49 |
| 96635 | AquaMax® 32-oz. Liquid | 12 | 3.5 | 0.54 |
| 96636 | AquaMax® 64-oz. Liquid | 6 | 7.5 | 0.34 |
| 96637 | AquaMax® 1-gallon Liquid | 4 | 13.0 | 0.51 |

| | Summer Cypress Scent | Qty per Carton | Carton Wt (lb) | Carton Vol (cf) |
|---|---|---|---|---|
| 96670 | AquaMax® 16-Pack Toss-Ins® | 12 | 13.5 | 0.42 |
| 96665 | AquaMax® 30-Pack Toss-Ins® | 4 | 13.5 | 0.40 |
| 96674 | AquaMax® 8-Pack Dry Granules | 12 | 13.5 | 0.41 |
| 96689 | AquaMax® 6-Pack – 8-oz. Liquid | 6 | 17.5 | 0.49 |
| 96686 | AquaMax® 32-oz. Liquid | 12 | 3.5 | 0.54 |
| 96682 | AquaMax® 64-oz. Liquid | 6 | 7.5 | 0.34 |
| 96678 | AquaMax® 1-gallon Liquid | 4 | 13.0 | 0.51 |

# Holding Tank Cleaner

### Tank Blaster™ Black & Grey Holding Tank Cleaner

- Super-concentrated enzymatic blend dissolves tissue and prevents build-up and messy clogs
- Micro-Foam™ action works overnight

| | Description | Information | Qty | Carton Wt (lb) | Carton Vol (cf) |
|---|---|---|---|---|---|
| 96527 | Tank Blaster™ Holding Tank Cleaner | 4 – 1.6-oz. treatments | 6 | 2.8 | 0.29 |

# Toilet Tissue

### Aqua-Soft® Toilet Tissue

- Luxurious 2-ply tissue specially-made for Marine and RV sanitation systems
- Prevents clogging by rapidly dissolving in holding tanks
- Soft, snowy white and highly absorbent; 100% biodegradable

### RV/Marine Toilet Tissue

- Economical 1-ply tissue specially-made for Marine and RV sanitation systems
- Prevents clogging by rapidly dissolving in holding tanks; 100% biodegradable

| | Description | Information | Qty | Carton Wt (lb) | Carton Vol (cf) |
|---|---|---|---|---|---|
| 03300 | Aqua Soft Tissue | 4-Pack - 396 Sheets Per Roll - 2 Ply | 12 | 19.2 | 2.75 |
| 20804 | RV/Marine Toilet Tissue | 4-Pack - 350 Sheets Per Roll - 1-Ply | 24 | 20.8 | 4.64 |

**THETFORD** *Marine*
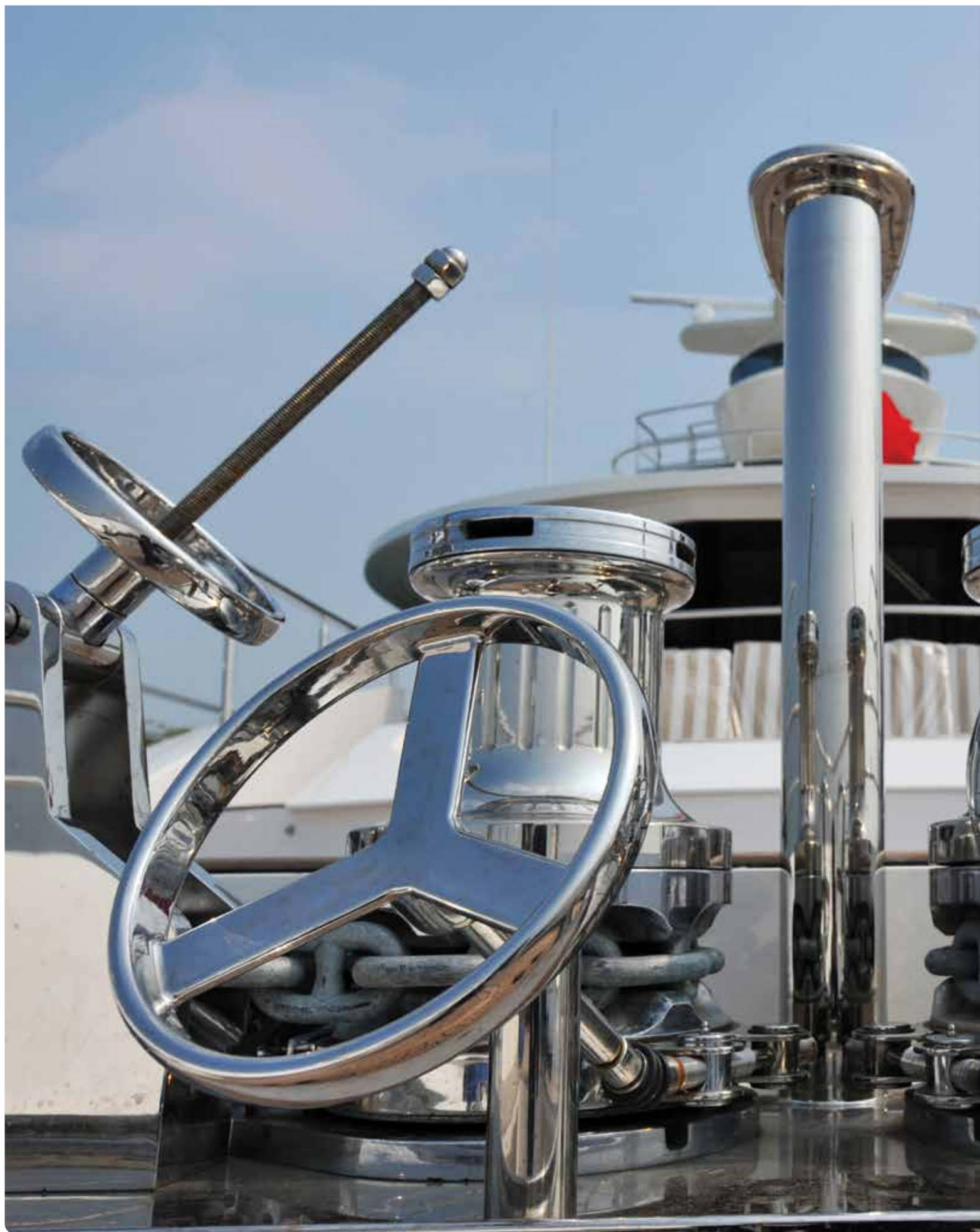
# components and accessories

Control panels

Accessories

---

Sanisplit grey water transfer systems

Sanitation hoses

---

**THETFORD** *Marine*

# CONTROL YOUR DESIGN

## CONTROL PANELS FOR EVERY BATHROOM

**You are in control, to perfect match the control panel with the bathroom style.**

**Design line** > 100 ft **& Flexi line** 50-100 ft

All control panels have a tank monitoring led and water amount trim. All control panels are available in two versions:

| 1 button / After use: | 2 buttons / Before & After use: |
|---|---|
| • The mooring mode.<br>• After every flush the toilet bowl is automatically refilled with a certain quantity of water, ready for next use.<br>• Tank level monitoring led and water amount trim. | • Both the mooring and the sailing mode.<br>• After every flush the toilet bowl remains empty for navigation.<br>• Before use by pushing the button the toilet bowl automatically refills. |

Thetford Marine offers a complete portfolio with different series, multiple options and budget implications.

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**Smart Flush Technology**

The Smart Flush technology is one of the latest patented innovations of the
Tecma product line. This software interacts with the action and performance
of the macerator pump and gives many features. Just a few of them:

• Eliminating air in the pump which prevents noise

• Minimizes water and power consumption

• Electronic water amount setup

• Sailing and mooring modes

• Water overfill protection

• Black water tank monitoring

• Emergency flush

• System lock

## Touch SFT control panel

Touch control panel made of hi-tech glass and LED backlighting with proximity sensor. Design and high-technology combined with respect for budget.

## Multiframe SFT control panel

The control panel that gives the possibility of mounting any bezel on the market, the chameleon of the control panels.

## All-in-one SFT control panel

The All-in-one control panel has a controller directly integrated in the wall interface with the option of automatic bowl refill (single button) or the common double function before/after use.

**TECMA** components and accessories

**THETFORD** Marine

# Compact line

To operate the toilet of the Compact Line, it is possible to select two different control panels: the Eco Rocker Switch and the Premium plus.

## Eco rocker switch

Easy to use, strong and solid rocker switch with manual set up of inlet and outlet water amount with a reduced power and water consumption.
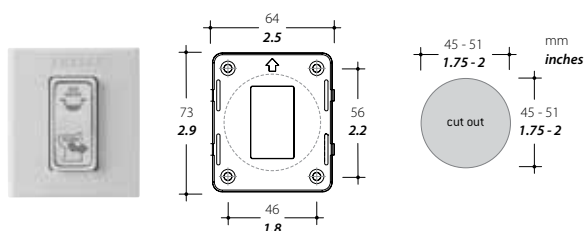
## Premium Plus control panel

Silicon pad control panel with Tecma patented Smart Flush technology. Water amount trim, overfill protection and tank monitoring. Flushing cycle and fittings specially designed for Compact line. Sailing mode function not available.

## compact line 20/50 ft – technical details

**Eco** control panel:

Rocker switch with manual set up of inlet and outlet water amount with a reduced power and water consumption.

64 / 2.5
73 / 2.9
56 / 2.2
46 / 1.8
45 - 51 / 1.75 - 2
mm / inches
45 - 51 / 1.75 - 2
cut out

**Premium Plus** control panel:

Especially designed for the Compact Line. Silicon electronic control panel. Automatic refill, water amount trim and tank monitoring.

122 / 4.8
82 / 3.2
15 / 0.6
9 / 0.4
94 / 3.7
66 / 2.6
mm / inches
cut out
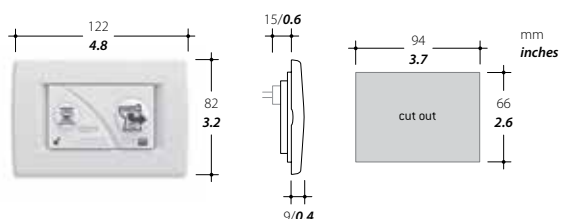
Note: compatible with Mirus™ field effect sensor or with commercial sensor.

# ACCESSORIES

## THE PROVEN TECHNOLOGY

| | Description |
|---|---|
|  | **FULL TANK SENSOR - DESIGN & FLEXI LINE**<br>Mirus™ field effect detector cell full tank sensor to monitor full tank level and communicate to the Smart Flush Premium control panel. This version is adapted for design line & flexi line. |
|  | **MID TANK SENSOR - DESIGN & FLEXI LINE**<br>Mirus™ field effect detector cell mid tank sensor to monitor mid tank level and communicate to the Smart Flush Premium control panel. This version is adapted for design line & flexi line. |
|  | **FULL TANK SENSOR - COMPACT LINE**<br>Mirus™ field effect detector cell full tank sensor to monitor full tank level and communicate to the Smart Flush Premium control panel. This version is adapted for compact line. |
|  | **MID TANK SENSOR - COMPACT LINE**<br>Mirus™ field effect detector cell mid tank sensor to monitor mid tank level and communicate to the Smart Flush Premium control panel. This version is adapted for compact line. |

**THETFORD** *Marine*

# SANISPLIT

Sanisplit NK connected to:
- Dishwasher
- Washing machine
- Washbasin

Sanisplit NKS connected to:
- Kitchen sink
- Dishwasher
- Washbasin

Sanisplit NK connected to:
- Shower
- Bidet
- Washbasin

Sanisplit NK

Sanisplit NK

Collection tank

Sanisplit NKS

SEALEVEL

## Sanisplit NK
### Above sealevel

## Sanisplit NKS
### Below sealevel

**TECMA**    Sanisplit grey water transfer systems

# Sanisplit grey water transfer systems give more convenience on board

With a grey water system you create more flexibility and convenience on board. It allows you to install more sanitary appliances like a washbasin, a bidet, a shower, a dishwasher, a washing machine, on board independently of its location. The grey water system grinds and pumps it to the collection tank. This way clogging is prevented.



## Sanisplit NK — Above sealevel

The Sanisplit NK of Tecma is well-known in the marine market for more then 15 years.

- Patented split system
- Efficient strong macerating pump
- Silent operation:
  - The silent pump operation combined with the internal rubber tank reduce the sound level
- Easy to service:
  - The removable part of the Sanisplit, containing the pump and the pressure switch, can be rapidly disengaged from the fixed parts

## Sanisplit NKS — Below sealevel

Based on the technology of the Sanisplit NK, there is also a stainless steel submersible Sanisplit: the Sanisplit NKS.

- Submersible waterproof system:
  - Fully IP67 certified
  - Stainless steel housing
- Proven macerator technology of Sanisplit NK
- Silent operation:
  - The silent pump operation combined with the internal rubber tank reduce the sound level
- Easy to service:
  - Once detached any service operation is easily possible without disconnecting the hoses
- Certified with ISO 8846:1990, for specific installation with special safety requirements

| | Sanisplit NK | Sanisplit NKS |
|---|---|---|
| DIMENSIONS (H X W X D) | 270 x 470 x 175 mm / *10.6 x 18.5 x 6.9 inch* | 279 x 449 x 220 mm / *10.9 x 17.7 x 8.7 inch* |
| BOX MATERIAL | Plastic | Stainless steel |
| IP LEVEL | 55 | 67 (submersible) |
| OUTLET | 1 outlet female DN ID40 | 1 outlet male DN OD38 |
| INLET | 2 inlets female DN ID40 | 2 inlets male DN OD38 |
| WEIGHT | 8.0 Kg / *17.6 lb* | 13.7 Kg / *30.2 lb* |
| HOLD DOWN FITTING | No | Yes |
| INSTALLATION MIN. HEIGHT FROM SHOWER TRAY LOWEST EDGE | 200 mm / *7.9 inch* | 180 mm / *7.1 inch* |
| APPLIANCES | 1 for max 3 appliances (1 sink + 1 bidet + 1 shower) | |

| Macerator pump (Sanisplit NK / Sanisplit NKS) | | |
|---|---|---|
| POWER SUPPLY | 12V DC / 24V DC / 230V AC* | |
| FUSE RECOMMENDED (FUSE NOT INCLUDED) | 12V DC<br>24V DC<br>230V AC | 40A<br>30A<br>5A |
| PUMP CAPACITY | 270 l / min / *71.3 gpm* | |
| MAX VERTICAL HEAD | 10 m / *36.1 ft* | |
| MAX HORIZONTAL DISTANCE | 90 m / *295.3 ft* | |
| MAX GREY WATER TEMPERATURE | 90° C / *194° F* | |

*Sanisplit NK only

### Sanisplit NK



* female connections for DN40 pipe

### Sanisplit NKS

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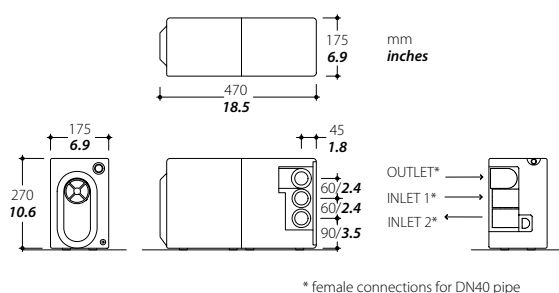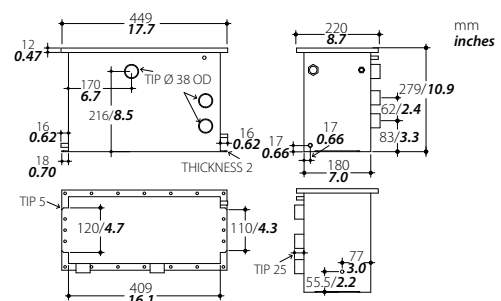
# HOSEPLUS – HOSEHELIX

### Sanitation hoses with the perfect match of flexibility and odor barrier

## HOSEPLUS 38 — Sanitation hose

- **Very low permeability (<1%)**
  - Special high-quality butyl rubber sanitation hose
  - Odor shield prevents the spread of odors
  - 10 times less odors than SBR/ NBR rubber hoses
- **Extremely flexible**
  - Flexible and strong with double steel wire helix
  - Extra strong synthetic textile yarn
- **Smooth fabric finished surface**
  - White cover with protective band to preserve color before installation
  - Resistant to abrasion, ozone, sea water and marine agents
  - Vanilla scented
- **5-year warranty**
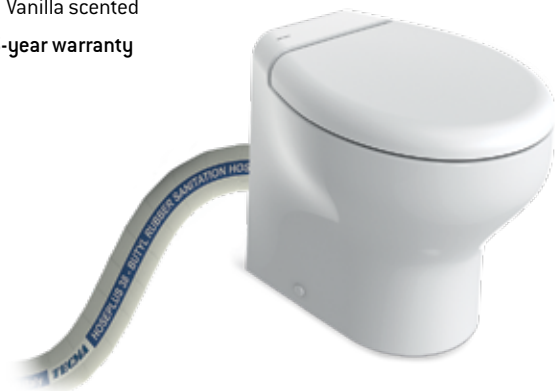
## HOSEHELIX 38 — Sanitation hose

- **High-quality PVC sanitation hose**
  - Smooth tube specially designed for marine applications
- **Odor barrier**
  - Limiting the spread of odors
- **Very flexible**
  - Flexible and strong with steel wire helix
- **Smooth extruded hose**
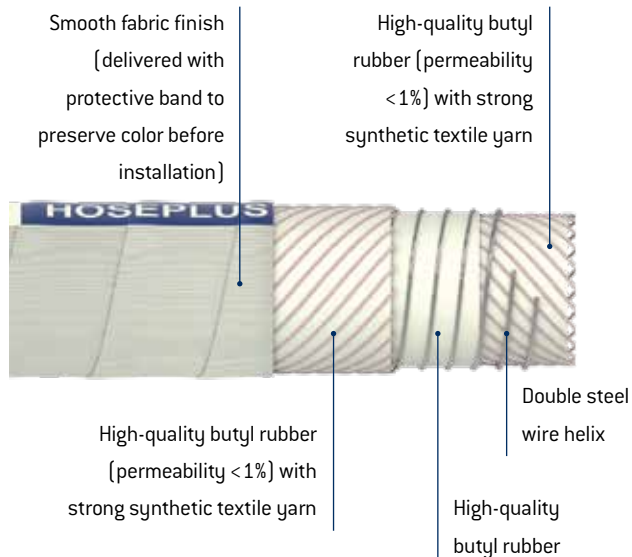  - Resistant to weathering and most chemicals
- **White cover**

# Tecma sanitation hoses

When it comes to marine sanitation, rely on the best quality and expertise.
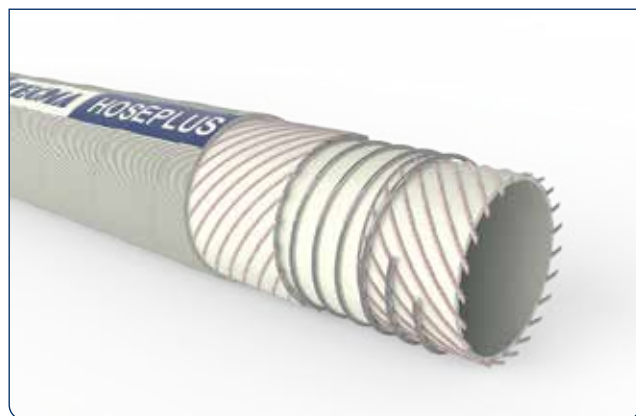
Thetford Marine offers now Tecma Hoseplus and Hosehelix sanitation hoses.

High quality sanitation hoses which are extremely flexible and give you the perfect odor barrier.
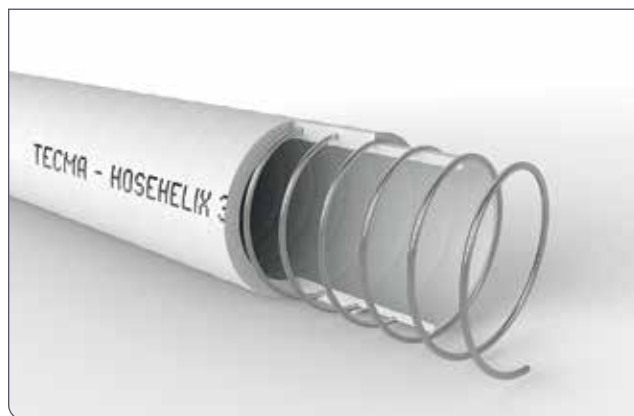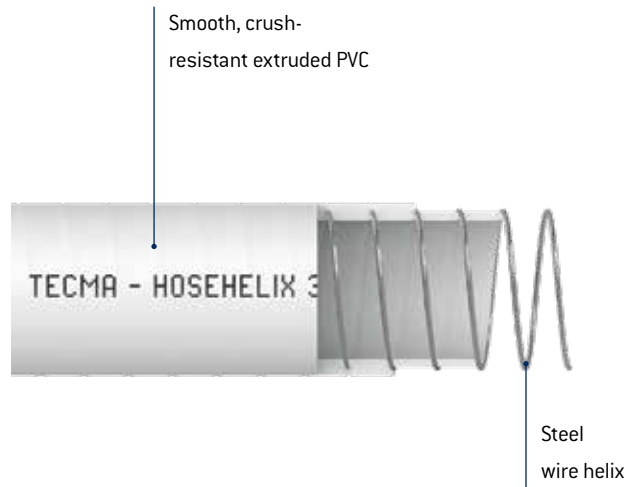
## HOSEPLUS 38 — Sanitation hose

Smooth fabric finish
(delivered with
protective band to
preserve color before
installation)

High-quality butyl
rubber (permeability
<1%) with strong
synthetic textile yarn



High-quality butyl rubber
(permeability <1%) with
strong synthetic textile yarn

High-quality
butyl rubber

Double steel
wire helix

## HOSEHELIX 38 — Sanitation hose

Smooth, crush-
resistant extruded PVC



Steel
wire helix

| | Hoseplus 38 | | Hosehelix 38 | |
|---|---|---|---|---|
| MATERIAL | Butyl rubber | | PVC | |
| INSIDE DIAMETER | 38 mm | 1.5" | 38 mm | 1.5" |
| OUTSIDE DIAMETER | 48 mm | 1.9" | 43 mm | 1.7" |
| WEIGHT | 0.85 kg/ mt | 0.57 lbs/ ft | 0.9 kg/ mt | 0.6 lbs/ ft |
| WORKING PRESSURE | 7 bar | 105 psi | 4 bar | 60 psi |
| BURST PRESSURE | 21 bar | 315 psi | n.a. | n.a. |
| VACUUM | 0.9 bar | 13 psi | 0.8 bar | 12 psi |
| BENDING RADIUS | 80 mm | 3.1" | 115 mm | 4.5" |
| LENGTH | 15 mt | 50 ft | 15 mt | 50 ft |

WARRANTY 5 YEAR WARRANTY



Hoseplus 38



Hosehelix 38

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# system set up

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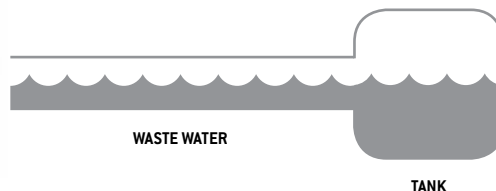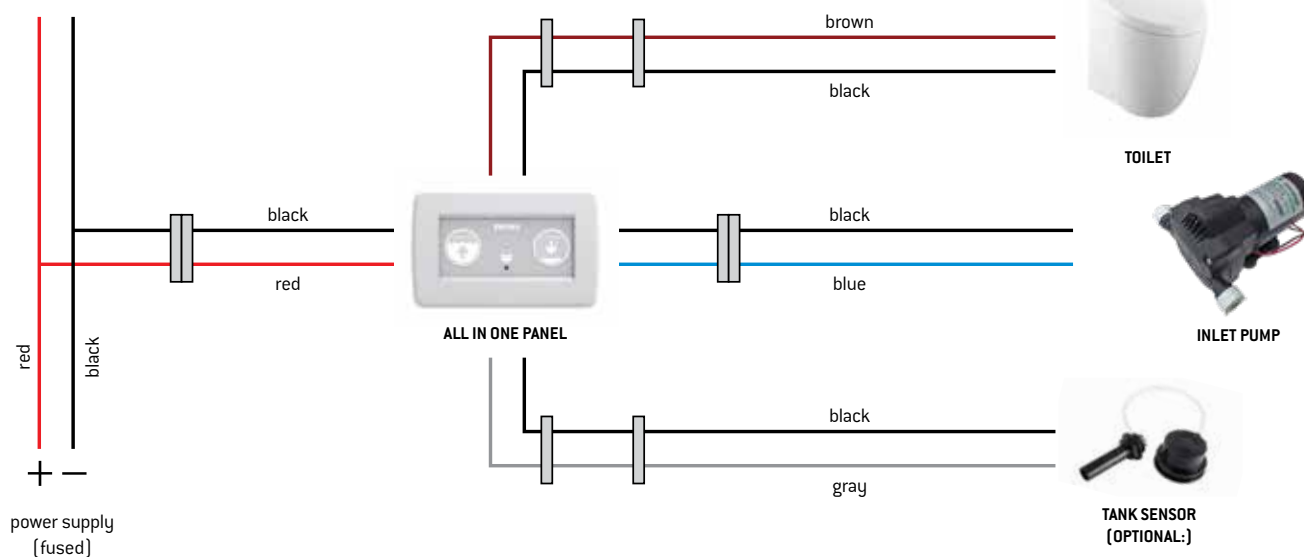
# SYSTEM SET UP

The clean water that will flush the toilet is supplied by a dedicated pump that usually is connected either to a fresh water tank or through-hull.
When the control panel is activated the pump will start working to deliver clean water inside the toilet bowl.
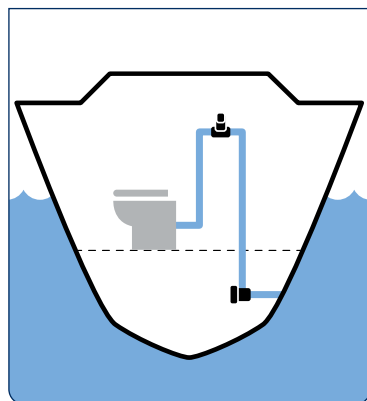
## Single system

**Plumbing**

| INLET PUMP | CLEAN WATER | TOILET | WASTE WATER | TANK |

**Wiring - All in one panel**

brown

black

black

red

black

blue

**ALL IN ONE PANEL**

red

black

black

gray

power supply
(fused)

**TOILET**

**INLET PUMP**
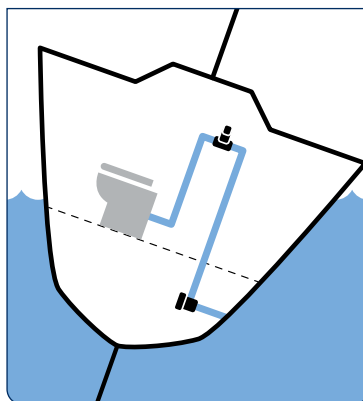
**TANK SENSOR
(OPTIONAL:)**

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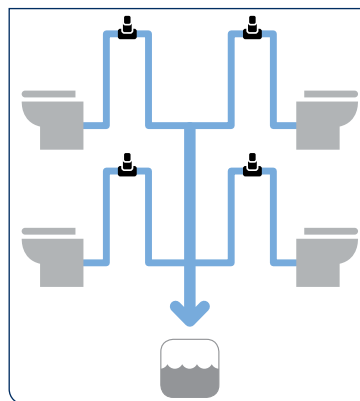
## When is a siphon break needed?

**Must have** with below water line installation

**Must have** for sailing boats

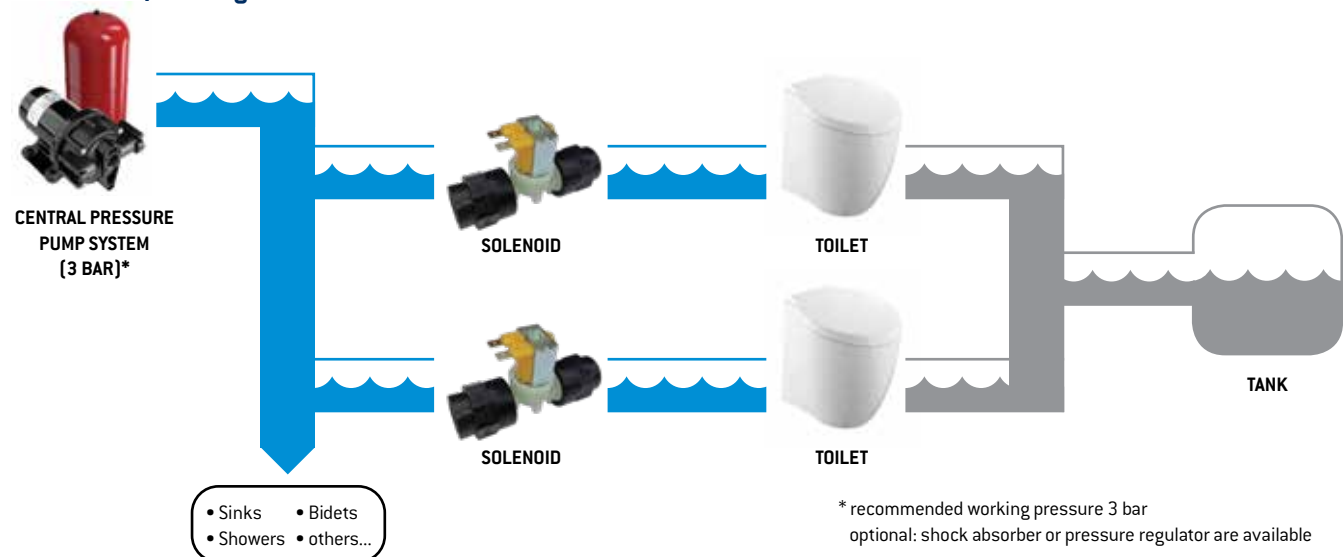**Recommended:** multiple connection and long runs of collector hose

# Central system fresh water

The clean water that will flush the toilet, is supplied by a central pumping device or accumulator, that is connected either to a fresh water tank.

Each toilet has a dedicated solenoid. When the control panel is activated the solenoid will open the gear to supply clean water inside the bowl.
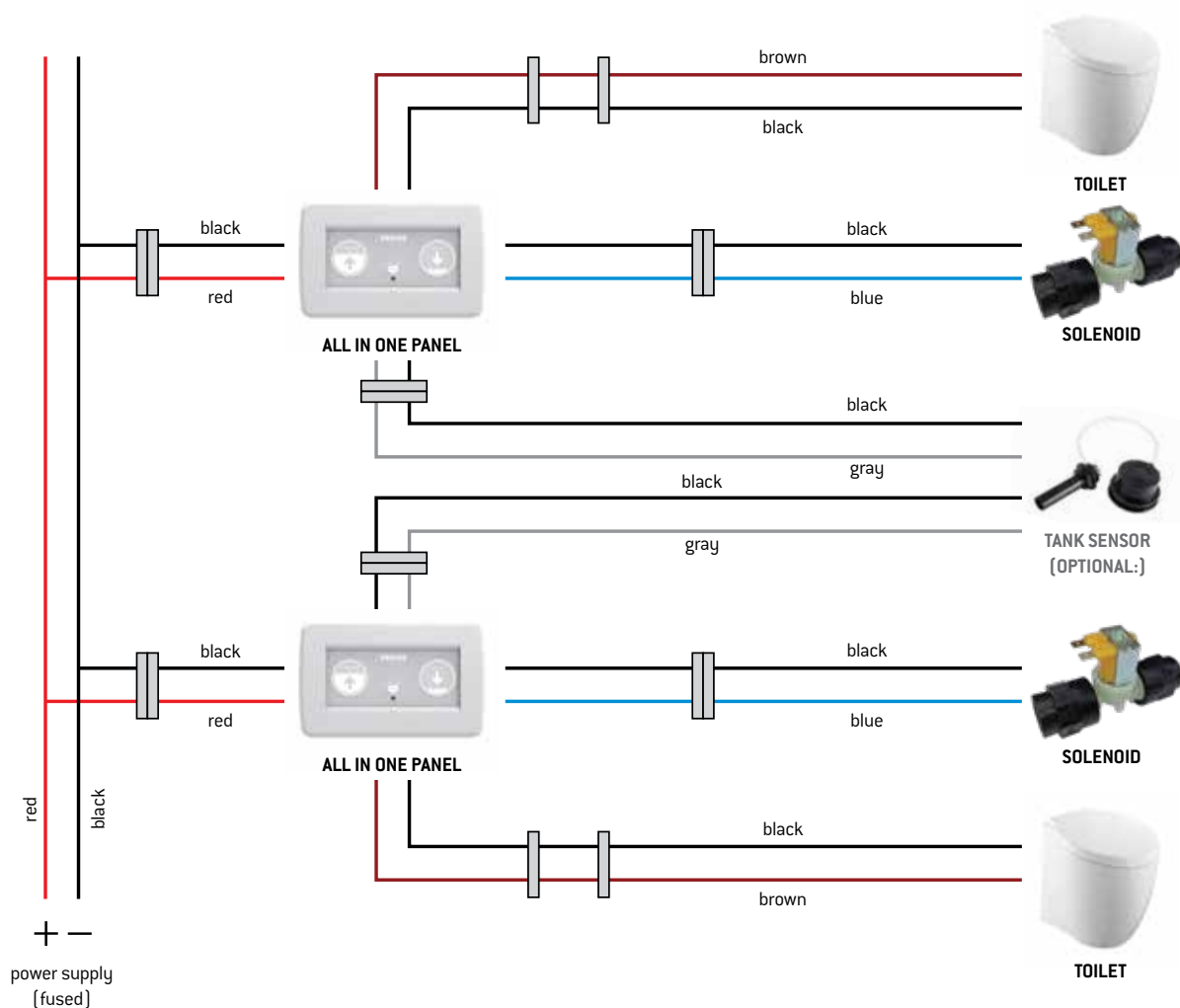
**Q: Is it possible to connect more toilets to the same line?**

**A:** Yes. In this case a "Y" fitting is needed, in spite of "T" ones, to drive the flow to the tank. Always add a siphon break to prevent siphoning.

## Fresh water plumbing



**CENTRAL PRESSURE PUMP SYSTEM (3 BAR)***

**SOLENOID**

**SOLENOID**

**TOILET**

**TOILET**

**TANK**

• Sinks  • Bidets
• Showers  • others...

\* recommended working pressure 3 bar
optional: shock absorber or pressure regulator are available

## Fresh water wiring - All in one panel



brown

black

black

blue

black

gray

black

gray

**TOILET**

**SOLENOID**

**TANK SENSOR (OPTIONAL:)**

**ALL IN ONE PANEL**

black

red

black

blue

black

brown

**ALL IN ONE PANEL**

**SOLENOID**

**TOILET**

black

red

red

black

power supply
(fused)

+ −

**THETFORD** Marine

# Compact wiring

### Eco rocker switch
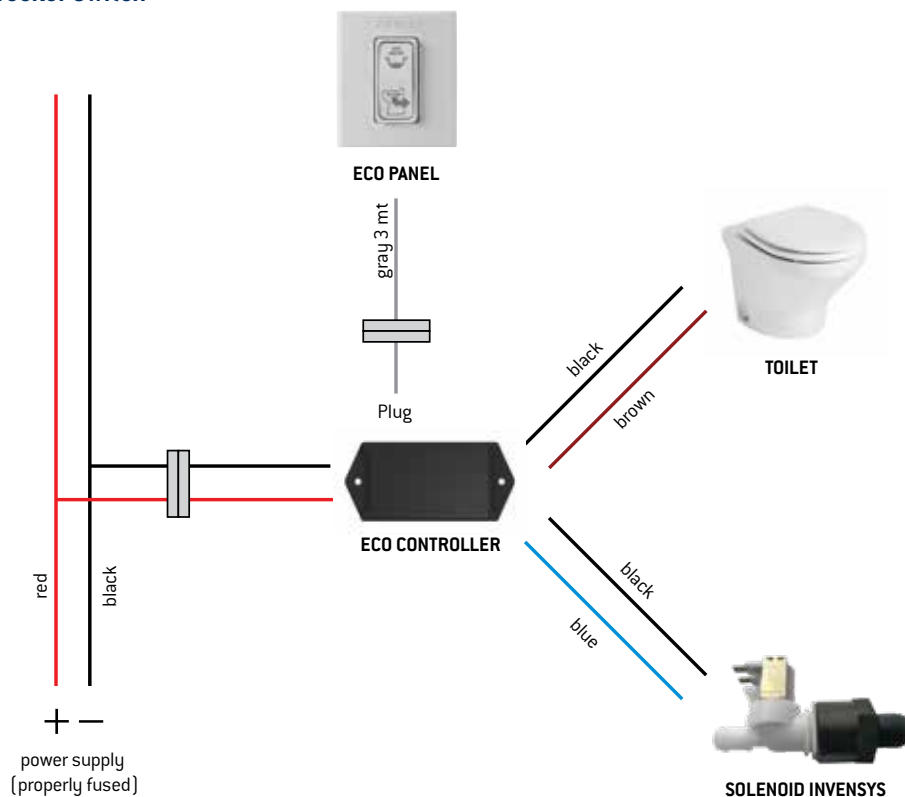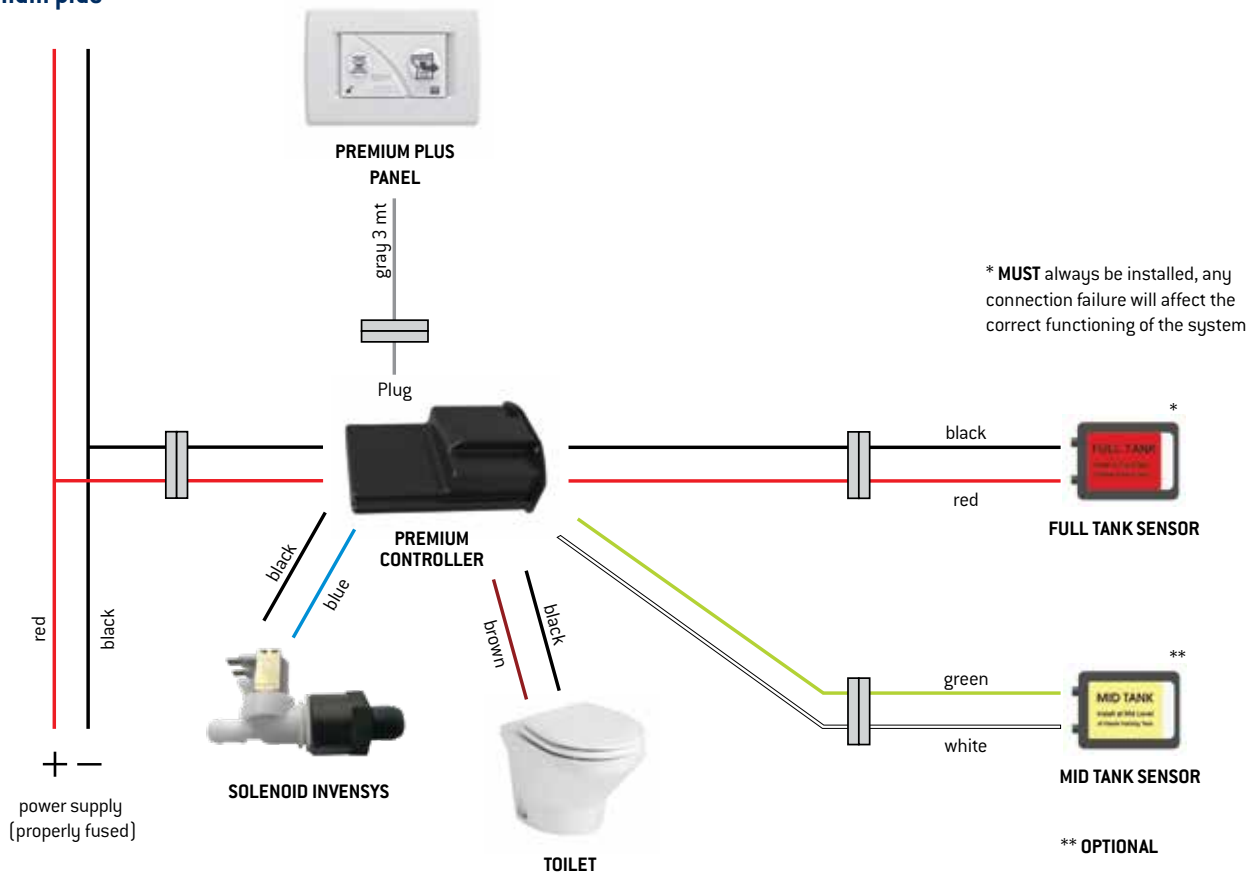


**ECO PANEL**

gray 3 mt

Plug

**ECO CONTROLLER**

black

brown

**TOILET**

black

blue

**SOLENOID INVENSYS**

red

black

+ −

power supply
(properly fused)

---

### Premium plus



**PREMIUM PLUS PANEL**

gray 3 mt

Plug

**PREMIUM CONTROLLER**

black

blue

**SOLENOID INVENSYS**

brown

black

**TOILET**

red

black

+ −

power supply
(properly fused)

* **MUST** always be installed, any connection failure will affect the correct functioning of the system

black

red

**FULL TANK SENSOR**  *

green

white

**MID TANK SENSOR**  **

** **OPTIONAL**

# THETFORD
## Marine

*For more information or to find your nearest*
*Thetford Marine dealer or service location check*
**www.thetfordmarine.com**