

DISCOVER JABSCO'S COMPLETE RANGE OF WASTE SYSTEM PRODUCTS



DELUXE FLUSH ELECTRIC TOILETS

Designed to rival the comforts at home, the Jabsco Deluxe Flush combines sleek elegance along with the features required of a luxury marine toilet.

50840/50820 Series

TWIST 'N' LOCK™ MANUAL TOILET



NEW!

Twist 'N' Lock™ action safety handle provides a quick and easy lock that ensures a solid seal during your voyage.

29090-3000

NEW!  
DIAPHRAGM WASTE PUMPS

Heavy Duty Diaphragm Pump passes solids easily and quietly for maximum efficiency in emptying holding tanks.



50890 Series



RUN DRY MACERATOR PUMP

Now with a fully sealed motor and a more powerful chopping blade. The four bladed chopper prevents clogging.

18590 Series

QUIET FLUSH ELECTRIC TOILETS

Designed to dramatically reduce noise levels, Quiet Flush Electric Toilets make life on board more comfortable for all crew members, even those sleeping!

37045/37245 Series



NEW!  
Y- VALVE



Robust Y-Valve allows waste to be pumped overboard or into a holding tank.

45490 Series



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The products described herein are subject to the Jabsco one year limited warranty, which is available for your inspection upon request.

Les produits décrits ci-dessous bénéficient de la garantie limitée d'un an de Jabsco, que vous pouvez consulter sur simple demande.

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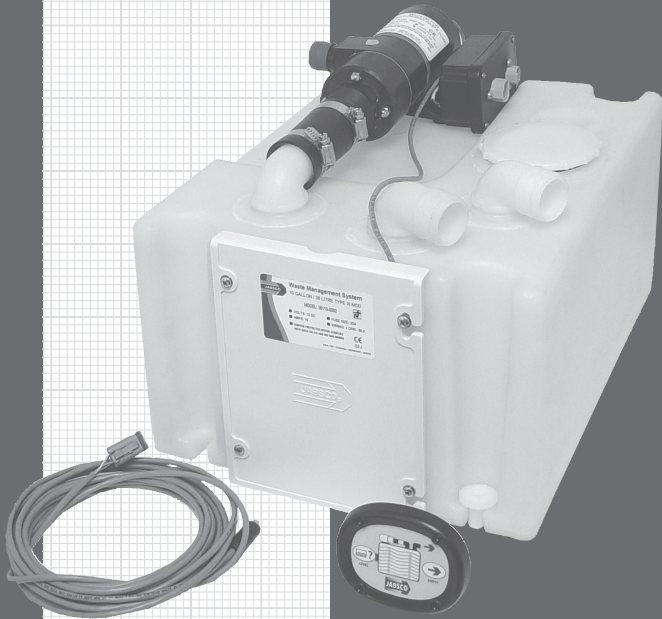
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38110

Type III MSD Waste Management System

- FR** Système pour traitement des déchets MSD de type III
- DE** Fäkalien-Entsorgungssystem Typ III MSD
- IT** Sistema di gestione dei rifiuti MSD Tipo III
- NL** Vuilwatersysteem type III MSD
- SE** Typ III MSD-avfallshanteringssystem
- ES** Sistema de gestión de residuos MSD Tipo III







# Type III MSD Waste Management System

- Rugged Polyethylene holding tank
- Barbed fittings for all hose connections
- Heavy Duty Macerator
- Evacuation pump
- Three run-dry and accidental activation safety features
- Touch-pad waste management control panel
- Additional dock side evacuation pick up

## PUMP FEATURES

- Pump:** Self-Priming Flexible Impeller with Stainless Steel Wearplate
- Impeller:** Jabsco Nitrile compound
- Macerator:** Stainless Steel Cutter reduces particle size to 1/8" (3mm) maximum
- Seal:** Lip Type
- Ports:** Inlet - 1 -1/2" (38mm) Hose Barb and 1-1/2" N.P.T. (Male) Outlet - 1" (19mm) Hose Barb
- Motor:** Permanent Magnet Type, Fully Enclosed, with Stainless Steel Shaft Includes Run-Dry Protection Device that shuts-off pump. Powder coated housing with sealed end-bells and bearings

## System Features

**Level Indication:** When pressed, the level indicator will illuminate for 1 minute. When the tank level reaches full, the indicator will flash automatically to alert the user to empty the tank.

**Sleep Mode:** If the flashing LED is a disturbance the unit can be put into sleep mode. The unit will emerge from sleep if the system is turned off or the tank level is increased. NOTE: the unit is unable to be put into sleep mode if the tank is 7/8 full or greater.

**Empty Button:** This button needs to be pressed and held for 3 seconds to activate the pump. This eliminates the possibility of accidental operation.

**Averaging:** Two different level averaging methods have been used - one when filling and one when emptying. This compensates for the the boats movement when the tank is filling, and still allows an accurate reading when emptying.

**Fail Safe Feature:** If no fluid movement is sensed 20 seconds after the pump is set to run, the pump will shut down and the fault LED on the indicator panel will flash. This protects the pump from failure. NOTE: To re set the unit simply press the level button, If unit continues to shut down and indicate a fault check pump and plumbing for a blockage.

## Installation:

- 1: The holding tank should be located as close to the toilet as possible.
- 2: A proper seacock is required if the discharge thru-hull is positioned below the waterline.
- 3: If both the discharge thru-hull and the holding tank are fitted below the waterline, a vented loop must be fitted to prevent a potential siphon being created. If unfamiliar with the installation of a vented loop please consult a marine plumber or contact Jabsco for further details.
- 4: Mount on a strong flat surface. Note the area of installation needs to support the weight of the unit plus its contents. The total weight for this unit when full can equal 90lbs.
- 5: 4 mounting feet are supplied. These need to be attached to the platform with 4 machine or lag screws and flat washers.

## Plumbing:

- Each tank is fitted with the following:
- 1 x 1 1/2" Deck pump out - Evacuation pick up tube - Fit to dockside pump-out deck plate.
- 1 x 1 1/2" Inlet port - From toilet system
- 1 x 3" O-ring sealed inspection hatch
- 1x1" Vent\* - Connect to vent outlet usually sited high on a vessels hull near the gunwale.

## Sistemas eléctricos:

Cablee la unidad en un circuito independiente.

Consulte las especificaciones de tamaño de fusibles y cables en la tabla de cableado.

Para conocer las conexiones, consulte el diagrama de cableado.

## Tabla de cableado

| VOLTAJE | AMPERAJE | FUSIBLE | TAMAÑO DEL CABLE SEGÚN LOS PIES DE RECORRIDO* |          |          |          |         |
|---------|----------|---------|-----------------------------------------------|----------|----------|----------|---------|
|         |          |         | 0"-10"                                        | 10"-15"  | 15"-25"  | 25"-40"  | 40"-60" |
| 12 VCC  | 16       | 20      | #16(1,5)                                      | #14(2,5) | #14(2,5) | #12(4)   | #6(16)  |
| 24 VCC  | 8        | 15      | #18(1)                                        | #16(1,5) | #16(1,5) | #14(2,5) | #10(6)  |

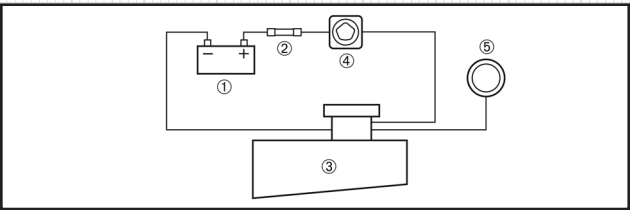
\* La longitud del recorrido es la longitud total del circuito desde la fuente de alimentación hasta el producto y de retorno a tierra. Los tamaños de cable indicados están en calibres AWG y milímetros.

## Mantenimiento:

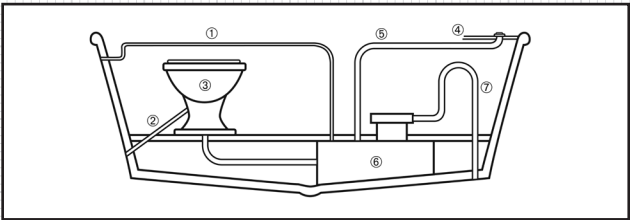
Para mantener el sistema en buen estado de funcionamiento, lávelo con agua limpia para eliminar toda acumulación de lodo o desechos. Se recomienda realizar este proceso al menos una vez al año. En relación con el servicio de la bomba del macerador, consulte la sección Servicio de la hoja de datos del Macerador Serie 18590.

## Almacenamiento durante el invierno:

Vacíe el agua de todo el sistema asegurándose de que las tuberías y la bomba queden totalmente libres de residuos.



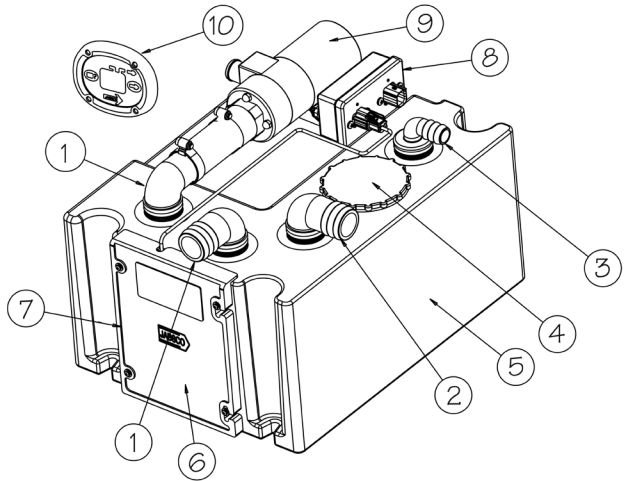
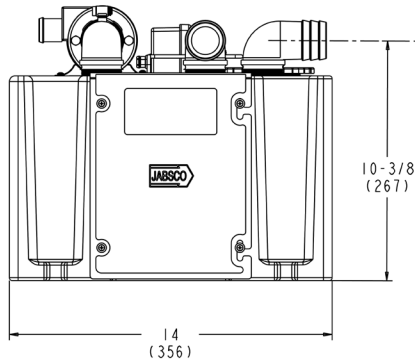
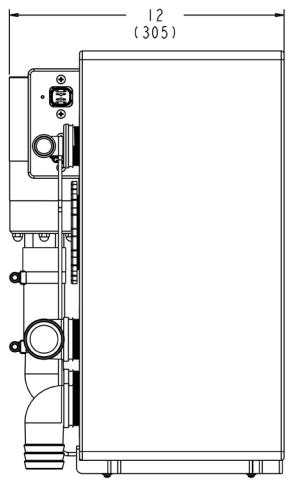
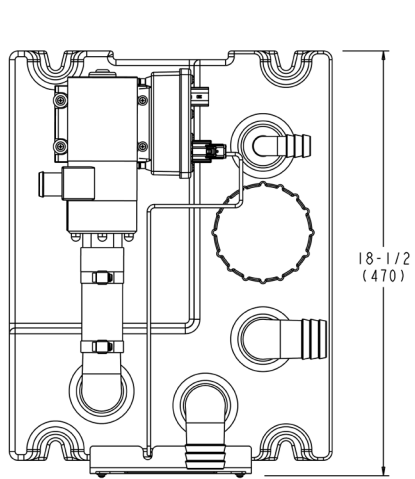
| REF. | DESCRIPCIÓN                                    |
|------|------------------------------------------------|
| 1    | Batería                                        |
| 2    | Fusible                                        |
| 3    | Sistema de gestión de residuos                 |
| 4    | Interruptor maestro                            |
| 5    | Controlador del sistema de gestión de residuos |



| REF. | DESCRIPCIÓN                     |
|------|---------------------------------|
| 1    | Venteo                          |
| 2    | Entrada                         |
| 3    | Inodoro                         |
| 4    | Cubierta                        |
| 5    | Salida de la bomba              |
| 6    | Tanque de retención de residuos |
| 7    | Salida del bucle vertical       |

| REF. | DESCRIPCIÓN                                             | Nº DE PIEZA DEL JUEGO |
|------|---------------------------------------------------------|-----------------------|
| 1    | Tubo recolector acanalado de 1-1/2" (38 mm)             | 38111-0000            |
| 2    | Lumbrera de entrada acanalada de 1-1/2" (38 mm)         | 38111-0010            |
| 3    | Venteo de 3/4" (19 mm)                                  | 38112-0000            |
|      | Venteo de 5/8" (16 mm)                                  | 38112-0010            |
| 4    | Tapa y junta tórica                                     | 38115-0000            |
| 5    | Tanque                                                  | 38113-0000            |
| 6    | Zócalo                                                  | 38114-0000            |
| 7    | Caja de control del tanque (sensores debajo del zócalo) | 38116-0000            |
| 8    | Arreglo de sensores                                     | 38117-0000            |
| 9    | Macerador para 12 V                                     | 18590-2092            |
|      | Macerador para 24 V                                     | 18590-2094            |
|      | Cable de control de 4,5 m                               | 47010-0000            |
|      | Cable de control de 6 m                                 | 47020-0000            |
|      | Cable de control de 9 m                                 | 47030-0000            |
| 10   | Panel de control para 12 V                              | 38111-0012            |
| 10   | Panel de control para 24 V                              | 38111-0024            |

ES



DRILL PILOT HOLES (4)

2 - 3/8

2 - 9/32

5/16

9/16

3/4" DIA CLEARANCE HOLE FOR CONNECTOR

CONTROL PANEL MOUNTING TEMPLATE