Waste Water Diaphragm Pumps

Single chamber, self priming, diaphragm pumps for grey or bilge water.

- Shower drain, transfer or pump out
- Flexible installation with 360 degree rotational ports
- Quiet operation
- Low power consumption

- Operates with no need for filter
- Can run dry without to damage the pump

Waste Water Diaphragm Pump 22L

Part no.	Type	Capacity	Voltage	Fuse size	Connections	Dimensions L x W x H	Interchangeable with
03-01-001	Bilge / Grey water; shower drain, transfer or pump out; self-priming up to 2.5 m (8 ft)	22 L / min (5.8 GPM)	12V	4.5 A	19 mm (¾") and 25 mm (1") straight connectors	305 x 195 x 125 mm (12 x 6.5 x 4.9 in)	Johnson Pump 10-13350-03, Jabsco 50880-1000, Whale Gulper 220-12V
03-01-002			24V	2.5 A			Johnson Pump 10-13350-04, Jabsco 50880-1100, Whale Gulper 220-24V

Waste Water Diaphragm Pump 32L

Part no.	Type	Capacity	Voltage	Fuse size	Connections	Dimensions L x W x H	Interchangeable with
03-01-003	Waste water, Black Water transfer or pump out; self-priming up to 2.5 m (8 ft)	32 L / min (8.5 GPM)	12V	6 A	38mm (1½") straight and 90° rotational connectors	355 x 195 x 125 mm (14 x 6.5 x 4.9 in)	Johnson Pump 10-13373-03, Jabsco 50890-1000, Whale Gulper 320-12V
03-01-004			24V	3 A			Johnson Pump 10-13373-04, Jabsco 50890-1100, Whale Gulper 320-24V

Compact Waste Water Diaphragm Pump 22L

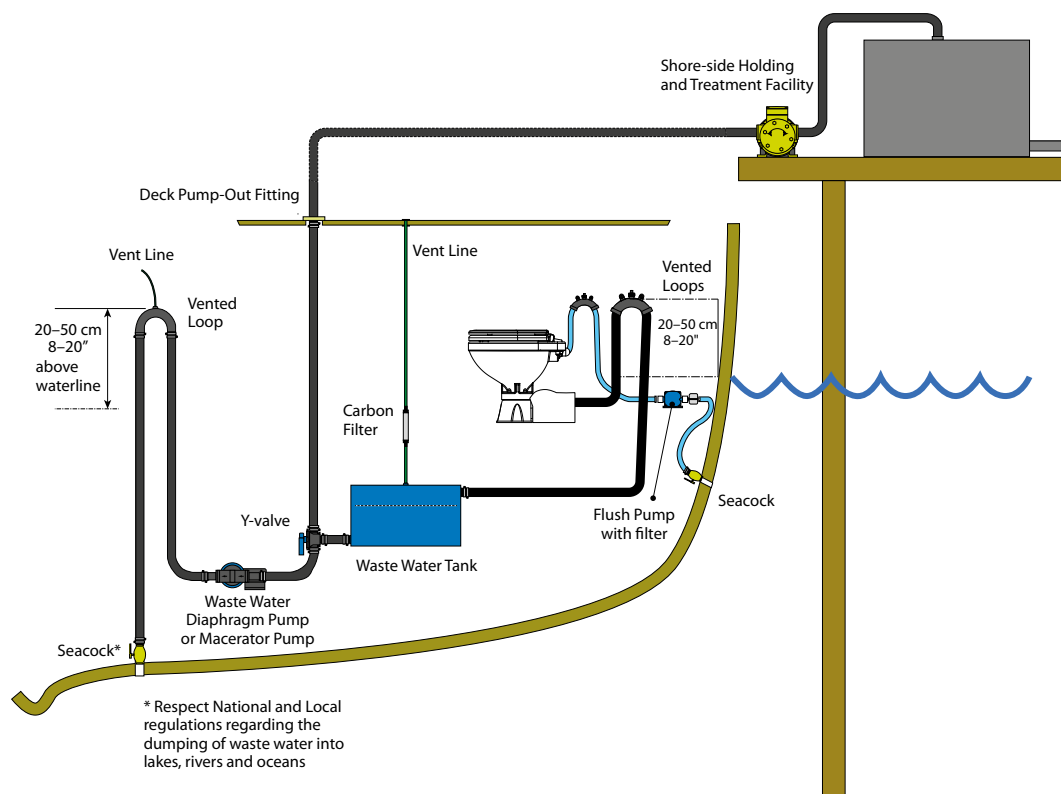| Part no.	Type	Capacity	Voltage	Fuse size	Connections	Dimensions L x W x H
03-01-015	Compact design Bilge / Grey water; shower drain, transfer or pump out; self-priming up to 2.5 m (8 ft)	22 L / min (5.8 GPM)	12V	4.5 A	19 mm (¾") and 25 mm (1") straight connectors	190 x 245 x 125 mm (7.5 x 9.6 x 4.9 in)
03-01-016			24V	2.5 A		

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Macerator Pump

The Albin Pump Marine Macerator Pump is equipped with a rotary cutter for shredding toilet waste – directly from the marine toilet or septic holding tank – and a high capacity, self-priming impeller pump for discharging toilet waste water.

- Shred toilet waste before pumping into septic holding tank or when emptying the septic tank at a dockside facility
- Shredded toilet waste is easily pumped through a 25 mm (1") discharge hose
- Self-priming ability allows the pump to be located above the holding tank. For best efficiency, locate the pump as close to the holding tank as possible.

- For intermittent use only; do not run for more than 15 minutes at a time. Approximately 1 to 2.5 minutes operation will empty holding tanks from 30 L (8 gal) to 100 L (26 gal) tank.
- Must not be permitted to run dry for more than 30 seconds
- Replacement Impeller Albin Pump Marine part number 06-01-009

Macerarator Pump 43L

Part no.	Type	Capacity	Voltage	Fuse size	Connections	Dimensions	Interchangeable with
03-01-005	Bilge / Grey water; shower drain, transfer or pump out; self-priming up to 2.5 m (8 ft)	43 L / min (11.5 GPM)	12V	12 A	**Inlet port:** 1½" hose (38 mm) or 1½" BSP **Outlet port:** 1" hose (25 mm)	240 x 130 x 90 mm (9.5 x 5.1 x 3.5 inches)	Johnson Pump 10-24453-04 Jabsco 18590-2092
03-01-006			24V	7 A			Johnson Pump 10-24453-05 Jabsco 18590-2094

Shore-side Holding and Treatment Facility

Deck Pump-Out Fitting

Vent Line

Vent Line

Vented Loop

Vented Loops

20–50 cm 8–20" above waterline

20–50 cm 8–20"

Carbon Filter

Y-valve

Waste Water Tank

Waste Water Diaphragm Pump or Macerator Pump

Flush Pump with filter

Seacock

Seacock*

* Respect National and Local regulations regarding the dumping of waste water into lakes, rivers and oceans

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Complete WasteWater Tank Kits

Albin Pump Marine offers two sizes of Black Water tank kits; complete with either a Waste Water Diaphragm Pump or a Macerator Pump, ready for easy installation!

- 47 L (12.5 gal) or 72 L (19 gal) rectangular tanks of linear, low density polyethylene, which is the best suited material for holding tanks because of resistance to corrosion and odor permeation.

- 32 L Waste Water Diaphragm Pump or Macerator Pump 43 L
- Included gas vent, active carbon filter, control panel and probe for level control.

47L Waste Water Tank CPL Diaphragm

Part no.	Pump Type	Capacity	Voltage	Included in Kit	Dimensions L x H x W	Weight
03-02-007	32 L Diaphragm Pump	47 L (12.5 gal))	12V	gas vent, active carbon filter, control panel and probe for level control	480 x 330 x 400 mm (19 x 13 x 15.75 in)	19 Kg (42 lbs)

72L Waste Water Tank CPL Diaphragm

Part no.	Pump Type	Capacity	Voltage	Included in Kit	Dimensions L x H x W	Weight
03-02-008	32 L Diaphragm Pump	72 L (19 gal))	12V	gas vent, active carbon filter, control panel and probe for level control	700 x 300 x 400 mm (27.5 x 11.8 x 15.75 in)	20 Kg (44 lbs)

47L Waste Water Tank CPL Macerator

Part no.	Pump Type	Capacity	Voltage	Included in Kit	Dimensions L x H x W	Weight
03-02-009	Macerator 43 L Pump	47 L (12.5 gal))	12V	gas vent, active carbon filter, control panel and probe for level control	480 x 330 x 400 mm (19 x 13 x 15.75 in)	24 Kg (52 lbs)
03-02-027			24V			

72L Waste Water Tank CPL Macerator

Part no.	Pump Type	Capacity	Voltage	Included in Kit	Dimensions L x H x W	Weight
03-02-010	Macerator 43 L Pump	72 L (19 gal))	12V	gas vent, active carbon filter, control panel and probe for level control	700 x 300 x 400 mm (27.5 x 11.8 x 15.75 in)	25 Kg (55 lbs)
03-02-028			24V			

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Accessories

Complement your Waste Water System with Albin Pump Marine Active Carbon Filters and waste tank Level Monitoring equipment.

Active Carbon Filter

To facilitate the dispersal of gases built up in the waste tank and the ease of emptying, the tank must be ventilated. The Active Carbon Filter will absorb heavier-than-air gases associated with organic waste and eliminate a source of malodor from the vent at the exterior of the boat.

- **Adjustable ports**

Part no.	Port sizes	Weight
03-66-011	16 – 19 – 25 mm (⅜ – ¾ – 1 in) adjustable ports	0.15 Kg (0.25 lbs)

Tank Level Indicator Kit 12/24V

Level indication panel and tank probes in stainless steel for waste water tank.

- **3 scale LED to indicate when tank is almost full and full.**
- **Both probe holder and panel have VDO connections**

Part no.	Voltage	Included in Kit
03-66-012	12V / 24V	indicator panel, stainless steel probes and wiring

Digital Tank Level Monitor Kit 12/24V

12/24V Digital fluid level sensor for plastic holding tanks on marine, RV and agricultural applications.

- **Sensor monitors the liquid level from the outside of the tank**
- **Can be wired for detecting either low liquid level or high liquid level**
- **Sensor can be wired to the LED indicator panel, audio buzzer or relay to remote signaling device.**
- **Time delay on activation and deactivation to counter false signals due to sloshing of the liquid in the tank**

Part no.	Voltage	Included in Kit
03-69-017	12V / 24V	305 mm (12") wire leads, display panel 12/24V with LED indicator light 12/24V, fuses and fuse holder.

See also **07_Marine Toilets** for Albin Pump MArine's selection of Vented loops and Y-valves!

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