



## Marine Pump Out Brochure

Vacuum Pumps • Containment Systems • Pump Out Boats

# Marine Vacuum Pump Model Selection



	WVP 60	WVP 65	WVP 115	WVP 250	WVP 450	WVP 600
Part No.	Engine: 65183-10 Electric: 65182-10	65083-00	65084-00	65085-00	65086-00	65087-00
Pump & Motor	1.5 HP 1PH 60Hz 110V	1.5 HP @ 20 CFM	1.5 HP @ 20 CFM	2 HP @ 35 CFM	3HP @ 70 CFM	3 HP @ 70 CFM
Tank	60 gallons	65 gallons	115 gallons	250 gallons	450 US GAL	600 gallons
Connections	1.5" NPT Intake & 2" Discharge w/ ball valve on both sides	1½ x 2" NPT Intake & Discharge w/ motorized ball valve	1½ x 2" NPT Intake & Discharge w/ motorized ball valve	1½ x 2" NPT Intake & Discharge w/ motorized ball valve	1½ x 2" NPT Intake & Discharge w/ motorized ball valve	1½ x 2" NPT Intake & Discharge w/ motorized ball valve
Finish	Aluminum Silver	Powder Coat White or Hot Dipped Galv. Tank	Powder Coat White or Hot Dipped Galv. Tank	Powder Coat White or Hot Dipped Galv. Tank	Powder Coat White or Hot Dipped Galv. Tank	Powder Coat White or Hot Dipped Galv. Tank
Hoses	30' Suction Hose with Ball Valve and deck adapters	30 ft Intake Hose Assembly	30 ft Intake Hose Assembly	30 ft Intake Hose Assembly	30 ft Intake Hose Assembly	30 ft Intake Hose Assembly
Accessories (Includes optional configurations)	Deck adapters, locking platform	Two sizes deck adapters, universal deck adapter, potty wand, trailer, trolley	Two sizes deck adapters, universal deck adapter, potty wand, trailer, trolley	Two sizes deck adapters, universal deck adapter, potty wand, trailer, trolley	Two sizes deck adapters, universal deck adapter, potty wand, trailer, trolley	Two sizes deck adapters, universal deck adapter, potty wand, trailer, trolley

## Performance Specifications

Max. suction lift	25 ft	25 ft	25 ft	25 ft	25 ft	25 ft
Max. suction distance	1500ft	1200 ft	1200 ft	1500 ft	3000 ft	3000 ft
Max. suction performance	60 GPM	60 GPM	60 GPM	90 GPM	200 GPM	200 GPM
Max. discharge head	30 ft	30 ft	30 ft	30 ft	30 ft	30 ft
Max. discharge distance	2000 ft	1500 ft	1500 ft	2000 ft	3000 ft	3000 ft
No. of boats serviceable	1	1	1	2	4	4

## Approximate Dimensions

Width	28"	34"	34"	36"	36"	36"
Length	48"	38"	60"	72"	72"	82"
Height	63"	55"	55"	65"	65"	65"
Tank diameter	30"	30"	30"	36"	36"	36"
Intake connection	1.5"	1.5"	1.5"	1.5"	1.5"	1.5"
Discharge connection	2"	2"	2"	1½"	2"	2"
Empty weight	260 lbs	400 lbs	480 lbs	900 lbs	1100 lbs	1300 lbs

# HOW THE WASTECORP SUPER DUTY® MARINE PUMP OUT WORKS

There are three simple steps that make Wastecorp's vacuum pump out system the easiest to use in the industry.

## STEP 1 - VACUUM CYCLE MODE

Vacuum pump evacuates sewage from the boat waste tank and transfers it into Wastecorp's steel holding tank at a rate of up to 60 GPM at 15 Hg" vacuum. The flexible suction hose and its removable adapter fittings, are designed to connect to any boat in the marina.

## STEP 2 - DISCHARGE OFF-LOAD CYCLE MODE

Once the internal float switch detects that the Wastecorp holding tank is full, the vacuum pump switches to reverse mode. Negative pressure from the vacuum pump off-loads the sewage into the discharge pipe.

## STEP 3 - RETURN TO VACUUM CYCLE MODE

Once sewage is off-loaded and tank is empty, the system automatically returns to vacuum mode. The system is now ready to pump out another boat at the touch of a button. Simple, odorless auto-cycling every time.

## VACUUM PUMP MOUNTING OPTIONS

With Super Duty Vacuum Pumps, You have three mounting choices that adapt to your specific pump out needs: stationary, trolley mounted (four wheels) and trailer mounted.

### STATIONARY



### ATV WAGON



### TRAILER



# Wastecorp Marine Pumps - Range Overview

## WVP 60 Marina Vacuum Pump



- Compact pump out system for marina docks
- Push movable with squeeze lock brakes.
- Optional locking platform for stationary applications

## Wastecorp Pump Out Boats



- Complete vessel, tank, pump and hose package
- Provides mobile pump out services to your customers
- Various vessel sizes, tanks and pump options available

## Pro Series Marine Pump Out



- Maximum suction for tough pump outs
- High volume capacity for busy operation.
- Optional dual containment system for fast off loading.

## Trailer Marine Pump Out



## ATV Marine Pump Out





*SHOWN: Super Duty WVP-65 marine pump out system at a Rhode Island multi-slip marina. Features enhanced suction distance to pump out from slips farther away from the pump.*



*SHOWN: Super Duty WVP-60 marine pump out system.*



## **SUPER DUTY® MARINE VACUUM PUMP OUT**

### **ODORLESS DESIGN - AUTOMATIC CYCLING TECHNOLOGY**

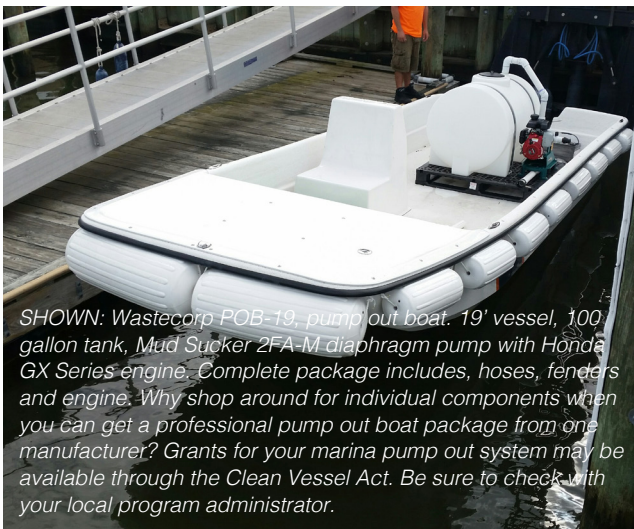
If your marina is looking for a high suction vacuum pump out system that is made in North America, you should consider a Wastecorp Super Duty vacuum pump system. Wastecorp's vacuum pump out systems offers modern pumping technology to meet the needs of today's advanced marinas. Whether you have a few slips or over 100 slips, Wastecorp offers five pump models to allow up to four users to pump out boats at the same time (depending on the model selected).



# Wastecorp Pump Out Boats



Wastecorp pump out boats are designed for private or public marinas that offer mobile pump out services. Wastecorp marina pump out experts can help you plan your pump out needs with vessel and vessel engine size, pump requirements, hose and tank requirements. With our factory OEM pricing you may be able to save on an entire package from Wastecorp rather than purchasing the individual components.



*SHOWN: Wastecorp POB-19, pump out boat. 19' vessel, 100 gallon tank, Mud Sucker 2FA-M diaphragm pump with Honda GX Series engine. Complete package includes, hoses, fenders and engine. Why shop around for individual components when you can get a professional pump out boat package from one manufacturer? Grants for your marina pump out system may be available through the Clean Vessel Act. Be sure to check with your local program administrator.*



Custom tank, pump controls and hose stand configurations available

## Wastecorp Pump Out Boat Optional Configurations

Vessel	Sizes ranging from 19', 21', 23', 29', 33'. Make and model dependent on specifications required
Engine	Yamaha, Evinrude, Honda, Mercury Marine. Hp dependent on specifications required
Pump	Super Duty Vacuum Pumps Mud Sucker® Diaphragm Pump technology.
Waste tank sizes	50 gallon 65 gallon 115 gallon 250 gallon 450 gallon 600 gallon
Hoses and Fittings	Qty: 1 - Suction Non-Collapsible EPDM Hose (Grn/Blk) with camlocks, 1.5" x 30 ft., and clear swing check valve and 90° poly ball valve with alum. female camlock connected to universal marine adapter

## Pump and Motor Specifications

Max capacity range	20-200 GPM
Connection size	1½", 2" or 3"
Max. liquid temperature	140°F (60°C) continuous
Pump body casing	Aluminum
Pump options	Diaphragm pumps or vacuum pumps



Custom vessel colors available

# Wastecorp Manual Marine Pump Out Caddy - 25 Gallon



## Manual Marine Pump Out Caddy

### Applications

Designed for self service marinas or campgrounds. Boat owners and RV owners for safe and quick pump outs. Maneuvers easily in tight spaces.

### Caddy

Fabricated steel, two wheeled cart design -12" pneumatic tires

### Tank

25 gallon vertical marine tank. FDA, non-corrosive

### Suction hose

1½" x 20' marine sanitary, odor retardant hose (white)

## Pump and Motor Specifications

Connection size	1½"
Max. liquid temperature	140°F (60°C) continuous
Pump body casing	Marine grade aluminum
Diaphragm	7" dia. fabric reinforced
Flapper valves	Fabric reinforced

## Performance Range

Max. capacity	10 GPM
Max. suction lift	15 ft
Max. discharge head	15 ft.
Solids handling	1" dia or 50% by volume

Wastecorp's 25 gallon pump out caddy features a sturdy frame and all premium marine grade components.

## Manual Marine Caddy Series Model Selection

Model	Part no.
1.5FA-H-25-C	63696-00

## Accessories for Salt Water Environments

Description	Part no.
Internals Protector Package: Stainless steel check valve seat, stainless steel weights, gaskets and hardware	60633-08
Clamping plates, SS	60452-06
Pump internal, wet section epoxy coating	61184-50
Pump internal, wet section Xylan coating	61184-60

## Spare Parts and Accessories

Description	Part no.
Standard Spare Parts Kit: Diaphragm, flappers, steel weights and gaskets	62754-00
Premium Spare Parts Kit: Diaphragm, flappers, SS weights and gaskets	62754-06
Potty suction wand 1.5" x 24" L	62264-00
Potty suction wand 1.5" x 36" L	63267-00
Potty suction wand 1.5" x 48" L	63269-00
Marine pump out nozzle with 1.5" male cam	64203-00
Bearing rod end	35690-00

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## **MARINE PUMP OUT SYSTEMS BUILT FOR THE LONG HAUL.**

*Wastecorp marine pump systems are designed and manufactured in the United States and Canada for over 20 years. Our products feature heavy duty pumping systems for leisure boat pump out services and commercial vessel pumping. Wastecorp pump out products include vacuum pumps, standard dock mounted pump out systems, skid mounted containment systems for pump out boats and mobile septic containment systems. We offer complete packages designed to meet or exceed Clean Vessel Act standards.*



**WASTECORP.**  
**Pumps®**

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Also on the web at <http://www.wastecorp.com>