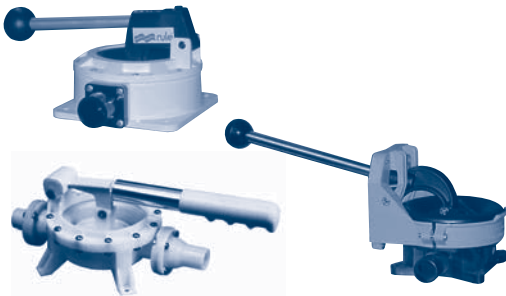


# HAND OPERATED BILGE / SEWAGE PUMPS

## RULE / BOSWORTH / WHALE



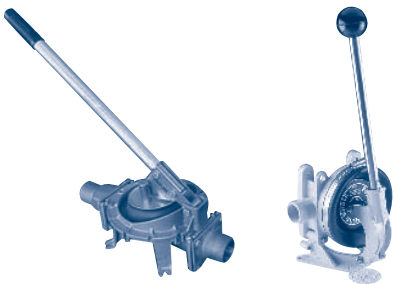
Plastic Bilge and Sewage Pumps

## PLASTIC BILGE AND SEWAGE PUMPS

Diaphragm bilge pumps are self-priming to 12 feet, and will pass solids with ease, making them ideal as a manual sewage transfer pump. Models are available with a removable handle and optional bulkhead or thru-deck mounting (see description).

Model Number	Brand	Series	Max GPM	Port Size	Handle	Mount	Service Kit
BW 400H	Bosworth	Guzzler	10	1" Hose	Not Removable	Bulkhead	BW 400
IM BP9021	Whale	Gusher Urchin	11	1 1/2" Hose	Not Removable	Bulkhead	IM AK9003
RU 142	Rule	Lever Pumps	15	1 1/2" Hose	Not Removable	Bulkhead	RU 140D
BW 500H	Bosworth	Guzzler	15	1 1/2" Hose	Not Removable	Bulkhead	BW 500
RU 145	Rule	Lever Pumps	16	1 1/2" Hose	Removable	Bulkhead	RU 140D
IM BP0510	Whale	MK5 Universal	20	1 1/2" Hose	Removable	Thru Deck/Bulkhead	IM AK8050
IM BP4410	Whale	Guzzler Titan	23	1 1/2" Hose	Removable	Thru Deck/Bulkhead	IM AK4400

## BOSWORTH / WHALE



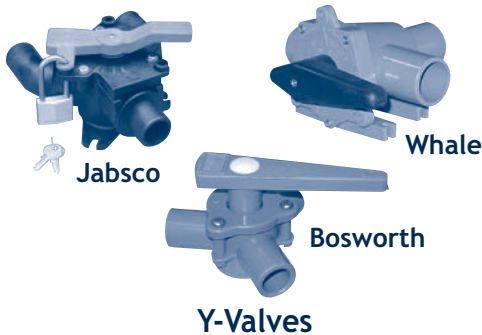
Metal Bilge and Sewage Pumps

## BRONZE AND COATED ALUMINUM DIAPHRAGM BILGE AND SEWAGE PUMPS

These rugged diaphragm pumps will hold up to years of duty. The Bosworth Guzzler series comes standard with stainless steel hardware and a choice between a bronze or epoxy coated aluminum housing. The Whale Gusher 10 comes standard with epoxy coated aluminum housing and stainless hardware. All models have removable handles.

Model Number	Brand	Series	Max GPM	Port Size	Mount	Housing	Service Kit
BW 2600-1 1/4"F	Bosworth	Guzzler	25	2" Hose & 1 1/4" FPT	Bulkhead	Aluminum	BW 2600
BW 2600B-1 1/4"F	Bosworth	Guzzler	25	2" Hose & 1 1/4" FPT	Bulkhead	Bronze	BW 2600
IM BP3740	Whale	Gusher 10	17	1 1/2" Hose	Thru Deck/Bulkhead	Aluminum	IM AK3706

## JABSCO / WHALE / BOSWORTH



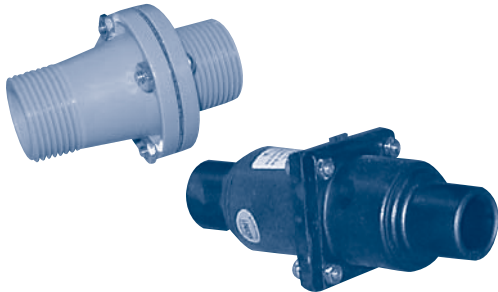
Y-Valves

## Y-VALVES FOR SEWAGE TRANSFER

Y-valves are used to divert sewage or water flow to or from different locations. JabSCO's 45490-0000 includes the unique features of oversized handle, integral locking ring that allows the use of a padlock (not included) and two curved 1 1/2" ports that can be rotated 360 degrees allowing their positioning in parallel, at 90 degrees, or in opposite directions. The 45490-0000 also comes with the choice of a 1" or 1 1/2" inlet fitting.

Model Number	Ports Size	Brand	Description
JA 45490-1000	1 1/2" Slip-on	JabSCO	Y-Valve with padlock options
IM DV5606U	1 1/2" Slip-on	Whale	Y-Valve with mtg. flange and ports in "T" configuration
BW 95	1 1/2" Slip-on	Bosworth	Y-Valve with ports in "Y" configuration
IM DV5630U	1" Slip-on	Whale	Y-Valve with mtg. flange and ports in "T" configuration
BW 94-A	1" Slip-on and 1/2" FPT	Bosworth	Y-Valve with ports in "Y" configuration
BW BM-94-A	1" Slip-on and 1/2" FPT	Bosworth	Y-Valve with mtg. flange and ports in "Y" configuration
BW 94	1" Slip-on	Bosworth	Y-Valve with ports in "Y" configuration

## BOSWORTH / WHALE



Check Valves

## CHECK VALVES FOR BILGE AND SEWAGE

All of the below check valves utilize flapper or duck bill valves. These require minimal pressure to open and can pass solids making them ideal for bilge or sewage installation. All check valves are constructed of corrosion resistant plastic with stainless hardware.

Model Number	Ports Size	Brand	Description
IM LV1215	1 1/2" Slip-on	Whale	Duck bill check valve with 1" and 1 1/2" slip-on ports
BW 75	1 1/2" Slip-on	Bosworth	Flapper check valve with 1 1/2" slip-on ports
BW 75 - 1-1/4	1 1/4" FPT	Bosworth	Flapper check valve with 1 1/4" FPT ports
BW 74 - 1-1/4	1 1/4" Slip-on	Bosworth	Flapper check valve with 1 1/4" slip-on ports
BW 74 - 1-1/8	1 1/8" Slip-on	Bosworth	Flapper check valve with 1 1/8" slip-on ports
BW 74-1M	1" MPT	Bosworth	Flapper check valve with 1" MPT ports
BW 74 - 3/4F	3/4" FPT	Bosworth	Flapper check valve with 1 1/4" slip-on and 3/4" FPT ports
BW 74 - 3/4M	3/4" MPT	Bosworth	Flapper check valve with 3/4" MPT ports
BW 74-A	1/2" FPT	Bosworth	Flapper check valve with 1" slip-on and 1/2" FPT ports

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