

DIAPHRAGM SEWAGE PUMPS

CONTENTS

DRY RUNNING DIAPHRAGM WASTE PUMP

The straight through flow of the 59090 and 50890 series passes solids easily (they handle both macerated and non-macerated waste), are very quiet running and can run dry without pump damage! While pumping fluid, they have a continuous duty rating of up to one-half hour. All mechanical moving parts are fully shrouded for maximum safety. The 50890 has the added ability to rotate its ports 360°. Both models have 1 1/2" hose barbed port connections. 59090 service kit = JA 90220-0000.

ENGINE COOLING

INDEX

HOME

NEXT

BACK

Model Number	Volts	Max GPM	Inlet / Outlet	Dimensions (H x W x L)
JA 59090-0012	12 vdc	6	1 1/2" Barb	7 7/16" x 8 7/8" x 10 3/4"
JA 59090-0024	24 vdc	6	1 1/2" Barb	7 7/16" x 8 7/8" x 10 3/4"
JA 50890-1000	12 vdc	5	1 1/2" Barb	4.4" x 6.1" x 10.9"
JA 50890-1100	24 vdc	5	1 1/2" Barb	4.4" x 6.1" x 10.9"

JABSCO



50890 / 59090

WHALE DRY RUNNING DIAPHRAGM WASTE PUMP

The Whale "Gulper" diaphragm toilet pump is designed with an open flow through fluid path that is virtually unblockable even with unmacerated waste! It is self-priming to 9.8 feet, can run dry without damage and will handle a mixture of air and waste. Its unique rotatable port housing allows flexibility when installing in awkward locations.

Model Number	Volts	Max GPM	Fuse Size	Inlet/Outlet Ports	Dimensions (H x W x L)
WH BP2552B	12 vdc	4.75	7.5 amps	1 1/2" Barb	4.5" x 14.2" x 11.4"
WH BP2554B	24 vdc	4.75	5 amps	1 1/2" Barb	4.5" x 14.2" x 11.4"

WHALE



Gulper Series

JOHNSON WASTE AND TOILET VACUUM PUMP WITH CRANK BACKUP

Thanks to its single-chamber design and non-choke valves, the "Viking Power 32," will lift 8 feet and can be used to pump unmacerated sewage to a holding tank or transfer it onwards to a septic tank. The "Viking Power Vacuum" will lift 11.5 feet, has double check-valves and is ideal for use in vacuum toilet systems. Although powered by an electric motor, both pumps can also be cranked by hand in an emergency.

Model Number	Description	Volts	Max GPM	Amp Draw	Inlet/Outlet Ports	Dimensions (H x W x L)
JS 10-13373-03	Viking Power 32	12 vdc	8.5	3.5	1 1/2" Barb	7.56" x 10.39" x 10.91"
JS 10-13373-04	Viking Power 32	24 vdc	8.5	1.8	1 1/2" Barb	7.56" x 10.39" x 10.91"
JS 10-13373-07	Viking Power Vacuum	12 vdc	8.5	3.5	1 1/2" Barb	7.56" x 10.39" x 13.39"
JS 10-13373-08	Viking Power Vacuum	24 vdc	8.5	1.8	1 1/2" Barb	7.56" x 10.67" x 13.39"

JOHNSON



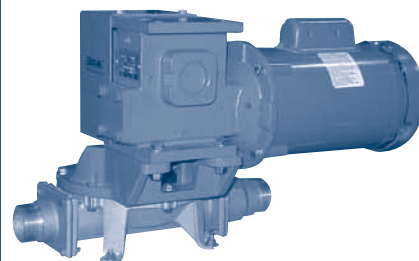
Viking Series

DRY RUNNING DIAPHRAGM PUMP IN AC AND DC

These Bosworth diaphragm pumps come in bronze or epoxy coated, marine grade aluminum construction. The suction and discharge ports come standard in 2" slip-on hose and are available threaded in 1 1/4" FPT and 1 1/2" MPT sizes. Motor options include single and three phase, 50 and 60 hz, 12 and 24 vdc, IEEE-45 enclosure, and custom configurations that meet MCA, Lloyds, ABS and USCG specifications. Below are some examples of the sizes available.

Bronze Model Number	Aluminum Model Number	Port Size	Voltage	Hz	HP	Max GPM
BW 2800B-10J18CT	BW 2800-10J18CT	2" Slip-on	115/230 vac	60	1/2	20
BW 2800B-30J18CT	BW 2800-30J18CT	2" Slip-on	230/460 vac	60	1/2	20
BW 2800B-12J18CT	BW 2800-12J18CT	2" Slip-on	12 vdc		1/2	20
BW 2800B-24J18CT	BW 2800-24J18CT	2" Slip-on	24 vdc		1/2	20

BOSWORTH



Bronze or Aluminum