

MACERATOR AND SEWAGE PUMPS

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1HP, 25 GPM DOCKSIDE OR ONBOARD MACERATOR PUMP

Oberdorfer's 406M is the largest series marine macerator pump available and comes in single and three phase, 12 and 24 vdc, 50 and 60 hz, and in custom configurations including models that meet IEEE-45, MCA, Lloyds, ABS and USCG specifications. The 406MK series comes equipped with a vacuum switch which shuts down the pump once the holding tank is empty. The suction port is 1 1/2" MPT or 2" slip-on and the discharge port is 1" FPT or 1 1/2" slip-on. Service kit = OB 10956. (See page 133 for service parts.)

PUMPING PRINCIPLES

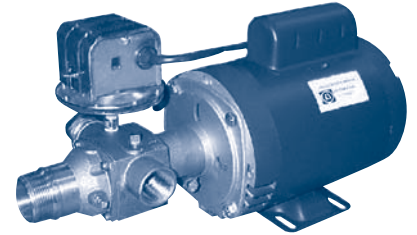
ENGINE COOLING

ENGINEERING TABLES

TROUBLE-SHOOTING GUIDE

Model Number	Volts	HP	Max. GPM	Inlet Port	Outlet Port
OB 406M-4-N26	115/230 vac	1	25	1 1/2" MPT and 2" Slip-on	1" FPT and 1 1/2" Slip-on
OB 406MK-4-N26	115/230 vac	1	25	1 1/2" MPT and 2" Slip-on	1" FPT and 1 1/2" Slip-on
OB 406M-4-30N18BCT	115/230 vac	1	25	1 1/2" MPT and 2" Slip-on	1" FPT and 1 1/2" Slip-on
OB 406M-4-12N18BCT	12 vdc	1	25	1 1/2" MPT and 2" Slip-on	1" FPT and 1 1/2" Slip-on
OB 406M-4-24N18BCT	24 vdc	1	25	1 1/2" MPT and 2" Slip-on	1" FPT and 1 1/2" Slip-on

OBERDORFER



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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, IEEE-45 enclosure, and custom configurations that meet MCA, Lloyds, ABS and USCG specifications. Below are some examples of the sizes available.

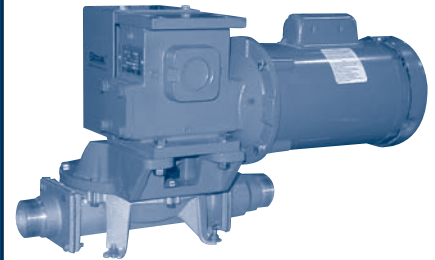
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Bronze Model Number	Aluminum Model Number	Port Size	Voltage	Hz	HP	Max GPM
BW 2800B-10J18CT	BW 2800-10J18CT	2" Slip-on	115/230 vac	60	1/2	20
BW 2800B-30J18CT	BW 2800-30J18CT	2" Slip-on	230/460 vac	60	1/2	20
BW 2800B-12J18CT	BW 2800-12J18CT	2" Slip-on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

BOSWORTH



DRY RUNNING DIAPHRAGM WASTE PUMP

The straight through flow of the 59090 series passes solids easily (it handles both macerated and non-macerated waste), is very quiet running, and can run dry without pump damage! While pumping fluid, it has a continuous duty rating of up to one-half hour. All mechanical moving parts are fully shrouded for maximum safety. Self-priming to six feet. Pumps up to six gallons per minute. Has 1 1/2" hose barbed port connections. Service kit = JA 90220-0000.

Model Number	Volts	Max. GPM	Inlet / Outlet	Dimensions (H x W x L)
JA 59090-0012	12 vdc	6	1 1/2" Barb	7 3/4" x 11" x 11"
JA 59090-0024	24 vdc	6	1 1/2" Barb	7 3/4" x 11" x 11"

JABSCO



SEALAND MACERATOR AND VACUFLUSH PUMPS

Sealand originally developed the rugged "T" series line of bellows sewage discharge pumps for their own toilet systems. However, it was so successful they have made it available for all sewage discharge applications. These pumps will move up to 200 gph, handle 1/2" diameter solids, and accept 1 1/2" slip-on hose (1 1/2" x 1" hose adaptor is included). The "S" series vacuum pumps are specifically for use on Sealand's "Vacuflush" toilet systems. They are designed for single toilet installations, draw 6 amps and can run dry.

Model Number	Volts	Type	Valve Kit	Bellows	Motor
SL T12	12 vdc	Discharge Pump	SL 310076	SL 230980	SL 310245
SL T24	24 vdc	Discharge Pump	SL 310076	SL 230980	SL 310246
SL T32	32 vdc	Discharge Pump	SL 310076	SL 230980	SL 310247
SL S12	12 vdc	Vacuum Pump	SL 310076(2)	SL 230980	SL 310245
SL S24	24 vdc	Vacuum Pump	SL 310076(2)	SL 230980	SL 310246
SL S32	32 vdc	Vacuum Pump	SL 310076(2)	SL 230980	SL 310247

SEALAND

