1802-5" LX
Bilge & Ballast Stripping
Eductor   3" x 5" x 5"

Materials of Construction:
Body & Diffuser: **Bronze ASTM B62**
Nozzle: **Monel**
Fasteners: **316 Stainless Steel**
Gaskets: **Neoprene**

Performance:

Suction Capacity	**UP TO 600 GPM**
Motive Head	**UP TO 175 PSI**
Motive Flow	**UP TO 550 GPM**
Suction Lift	**UP TO -23.0 FEET**
Discharge Head	**UP TO 100 FEET**

Dimensions

Inlet	**3"**
Suction & Discharge	**5"**
"A"	**38.1"**
"B"	**5¼"**
"C"	**32.85"**
"D"	**6¼"**
WEIGHT	**180 LBS**

Flange Data: 150 LB ANSI B16.24 FLAT FACE

	Inlet	Suction	Discharge
O.D.	7½"	10	10"
I.D.	3"	5"	5"
# Holes	4	8	8
Hole Ø	¾"	⅞"	⅞"
B.C.	6"	8½"	8½"

Notes:
1. Eductor supplied to meet customer application requirements.
2. Recommend minimum 8 x disch. Dia. of straight discharge pipe after discharge flange. Recommend straight pipe on suction side.
3. For long inlet lines, use 100mm and reduce at inlet to 80 mm.
4. Suction Lift and Discharge head including friction shall not exceed data supplied at time of order. VM is not responsible for changes in operating or installation parameters after orders are placed. Customer to advise all piping & friction conditions to insure proper eductor sizing and supply.
5. All bends on discharge shall be 45º, or shall have a radius or 2½ to 3 times the diameter of the pipe.
6. Eductors are customized and supplied to meet the requirements of each application.
7. Eductor final dimensions & weight will be confirmed and advised prior to shipment of 1st ship set.
8. Installation and operation to be i.a.w. VM Eductor installation and operation guidelines.
9. Eductor operation is completely dependent on the piping condition into which it is installed. Actual piping shall not vary from design without notice to VM.
10. Mounting lugs are cast in each part and must be used in installation to support the eductor. Eductor is not designed for pipe loads.
11. VM recommends on board spare nozzle and gaskets.
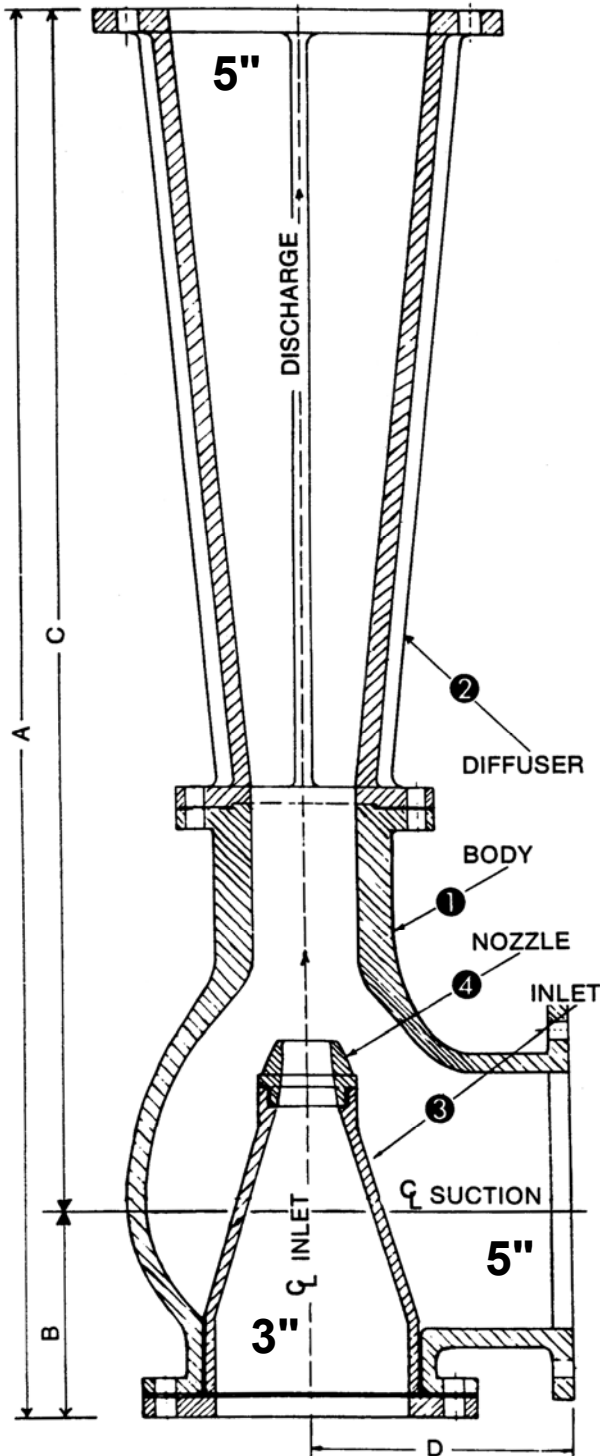
BILGE & BALLAST STRIPPING EDUCTOR

VITA MOTIVATOR CO., INC.
P.O. BOX 8139 ENGLEWOOD, NJ 07631
(201) 567-1151 •   FAX (201) 734-8482
michaels.greene@att.net