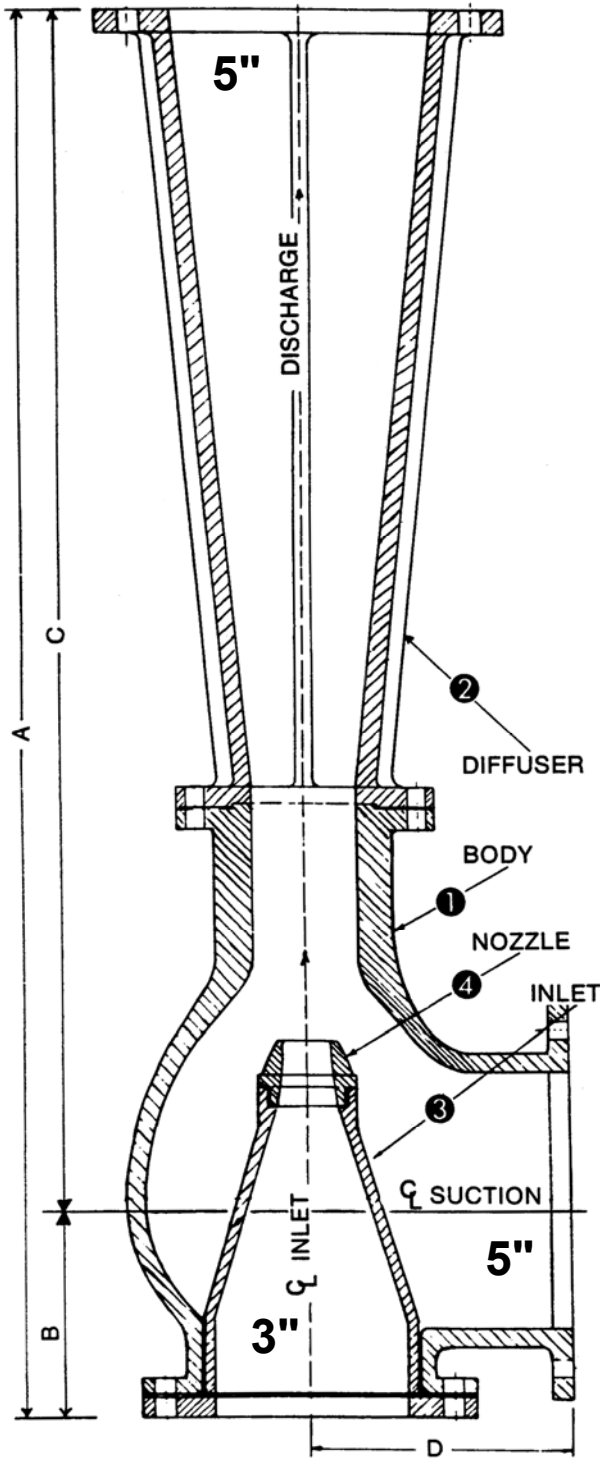


VITAFLOW 1802-5" LX

Bilge & Ballast Stripping Eductor 3" x 5" x 5"



BILGE & BALLAST STRIPPING EDUCTOR

VITAFLOW, LLC
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 Virginia Beach, VA 23451,
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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" 5 1/4"
 "C" 32.85"
 "D" 6 1/4"
 WEIGHT 180 LBS

Flange Data: 150 LB ANSI B16.24 FLAT FACE

	Inlet	Suction	Discharge
<u>O.D.</u>	7 1/2"	10	10"
<u>I.D.</u>	3"	5"	5"
<u># Holes</u>	4	8	8
<u>Hole Ø</u>	3/4"	7/8"	7/8"
<u>B.C.</u>	6"	8 1/2"	8 1/2"

Notes:

- Eductor supplied to meet customer application requirements.
- Recommend minimum 8 x disch. Dia. of straight discharge pipe after discharge flange. Recommend straight pipe on suction side.
- For long inlet lines, use 100mm and reduce at inlet to 80 mm.
- Suction Lift and Discharge head including friction shall not exceed data supplied at time of order. VF 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.
- All bends on discharge shall be 45°, or shall have a radius or 2 1/2 to 3 times the diameter of the pipe.
- Eductors are customized and supplied to meet the requirements of each application.
- Eductor final dimensions & weight will be confirmed and advised prior to shipment of 1st ship set.
- Installation and operation to be i.a.w. VF Eductor installation and operation guidelines.
- Eductor operation is completely dependent on the piping condition into which it is installed. Actual piping shall not vary from design without notice to VF.
- Mounting lugs are cast in each part and must be used in installation to support the eductor. Eductor is not designed for pipe loads.
- VF recommends on board spare nozzle and gaskets.

