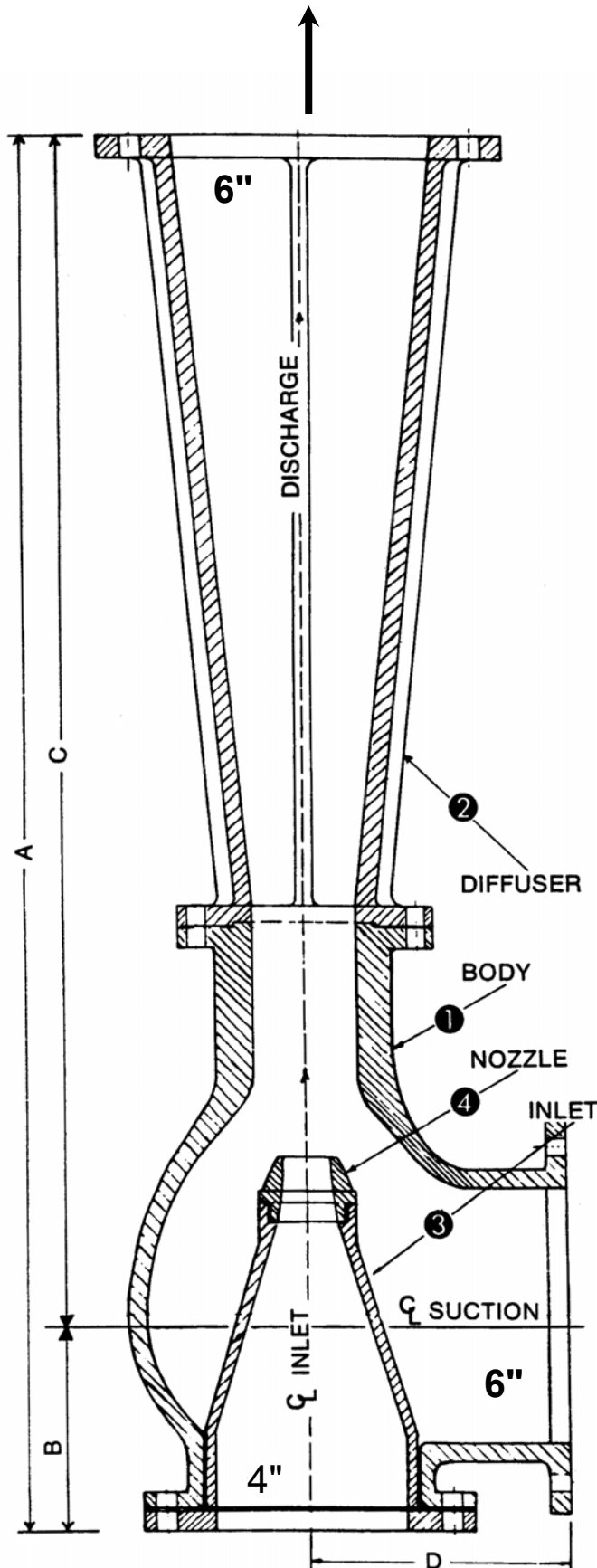


VITAFLOW 1802 - 6" S EDUCTOR



VITAFLOW, LLC
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Materials of Construction:

Body & Diffuser: Bronze ASTM B62
 Nozzle: Monel
 Fasteners; 316 Stainless Steel
 Gaskets: Neoprene

Connections:

All Flanges 150 lb. ANSI B16.24 Flat Face

General Operating Range

<u>Suction Capacity</u>	Up to 800 GPM
<u>Drive Pressure</u>	50-175 PSI
<u>Drive Flow</u>	500-800 GPM
<u>Suction Lift</u>	Up to - 20 Ft.
<u>Discharge Head</u>	Up to 100 Ft.

DIMENSION DATA

Dimensions	Inches
<u>Inlet</u>	4"
<u>Suction & Discharge</u>	6"
<u>"A"</u>	37"
<u>"B"</u>	7"
<u>"C"</u>	30"
<u>"D"</u>	7"
<u>Weight</u>	280 lb

Flange Data - 150 LB ANSI B16.24

	<u>Inlet</u>	<u>Suction</u>	<u>Discharge</u>
<u>I.D.</u>	4"	6"	6"
<u>O.D.</u>	9"	11"	11"
<u>Thick</u>	.75"	.812"	.812"
<u># holes</u>	8	8	8
<u>B.C.</u>	7 1/2"	9 1/2"	9 1/2"
<u>Diam.</u>	3/4"	.875"	.875"

- 1) Permanently installed ejectors are used to strip ballast, bilge cargo or other spaces that regularly have to be pumped out.
- 2) The VF 1802-6 series are high suction jet pumps with renewable nozzles.
- 3) Applications include stripping and gas freeing cargo tanks, bilges, spud cans, main & secondary drainage, pumping cement and drilling mud.

NOTES:

1. Eductor are customized & supplied to meet customer application requirements.
2. VF recommends 8 to 10x discharge Diameter of straight discharge pipe after discharge flange.
3. Final dimensions to be advised at time order is placed.
4. All bends on discharge shall be 45°, or shall have a radius of 2 1/2 to 3 times the diameter of the pipe.
5. For long inlet lines, use 150 mm and reduce at inlet to 100mm.
6. Follow VF installation and operation instructions.
7. Eductor to be supplied with integrally cast Inlet
8. Customer to follow VF Installation and maintenance guidelines