



# 1802-14" EDUCTOR

## Materials of Construction:

**Body & Diffuser** Bronze ASTM B62 or 958 --or Duplex Stainless Steel # 2205  
**Nozzle** Monel or 316 Stainless Steel

**Flanges:** 150 LB ANSI B16. 24 Flat Face ( or DIN or JIS or Undrilled)

<u>INLET</u>	<u>SUCTION</u>	<u>DISCHARGE</u>
10"	10"	14"
(250mm)	(250mm)	(350mm)

## General Operating Conditions:

<u>Suction Flow</u>	UP to 4000 GPM	908 M3/H
<u>Suction Lift</u>	Up to -20 Feet	-6 Meters
<u>Discharge Head</u>	Up to 120 Feet	36 Meters
<u>Motive Head</u>	100 – 200 PSI	7 – 14 Bar
<u>Motive Quantity</u>	2600 – 3900 GPM	590 – 885 M3/H

## Dimensions:

<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>	<u>F</u>
102.8"	9"	93.8"	11.8"	33"	52"
2611	229	2382	300	838	1321

## Notes:

1. Can be supplied with suction flange OD for 12" pipe connection and discharge flange OD for 16" pipe connections.
2. No special tools required
3. Nozzle / body connection is threaded. Nozzle is removed & installed with standard wrench.
4. Mounting lugs are cast on each part.
5. Eductors supplied fully assembled.
6. Recommend 8 -10 x pipe diameter of straight section on disch.
7. Eductor supplied to meet the requirements of each application
8. Eductor can be supplied with WCB Plain carbon steel body & diffuser and 316 stainless steel nozzle as alternate option.
9. Customer should follow VM installation & operating Guidelines

