



## **VM # 1903-12" EDUCTOR 8 X 10 X 12**

### Specifications

<b><u>Suction Capacity</u></b>	<i>Up to 3600 GPM</i>
<b><u>Suction Lift</u></b>	<i>Up to -23 FEET</i>
<b><u>Discharge Head</u></b>	<i>Up to 100 FEET</i>
<b><u>Total Head</u></b>	<i>Up to 123 FEET</i>
<b><u>Inlet Pressure</u></b>	<i>110-200 PSI</i>
<b><u>Inlet Quantity</u></b>	<i>UP TO 4400 GPM</i>

### Materials

<b><u>Body &amp; Diffuser</u></b>	Bronze ASTM B62
<b><u>Nozzle</u></b>	Monel
<b><u>Fasteners</u></b>	316 Stainless Steel
<b><u>Gaskets:</u></b>	Neoprene
<b><u>Nameplate</u></b>	Stainless Steel
<b><u>Flanges:</u></b>	DIN or ANSI

### Project

<b><u>Service 1</u></b>	Ballast Stripping
<b><u>Service 2</u></b>	Dredging
<b><u>Hull #</u></b>	
<b><u>Curve #</u></b>	993190212-14M3.6BAR
<b><u>Agent</u></b>	
<b><u>Client:</u></b>	

### Dimension

	INLET	SUCTION	DISCHARGE		<u>FLANGES</u>	<u>Inlet</u>	<u>Suction</u>	<u>Discharge</u>
INLET	8"	200			I.D.	8"	10"	12"
SUCTION	10"	250			O.D.	13½"	16"	19"
Discharge	12"	300			# Holes	8	12	12
"A"	84.5"	2146			Hole Ø	7/8"	1"	1"
"B"	75.5"	1918			B.C.	11"	14¼"	17"
"C"	9"	229			THICK.	1"	1"	1"
"D"	11"	280						

1. Eductor is supplied to meet the requirements of each application. Customer should follow the VM installation, technical and maintenance manual.
2. For long inlet lines, use 300 mm and reduce at the inlet to 200mm. All bends on the discharge shall be 45° or shall have a radius of 2½ to 3 times diameter of pipe.
3. A length of straight pipe on the discharge of 8-10 x the pipe diameter of the eductor is recommended. A length of straight pipe is also suggested for the discharge.
4. VM to supply approval, working and final drawings if eductors are ordered.
5. VM to supply Factory Works Certification of hydro static pressure test: and Materials of construction; New & unused Materials: 100% USA
6. VM to supply installation, operation and maintenance manuals in case of order.