

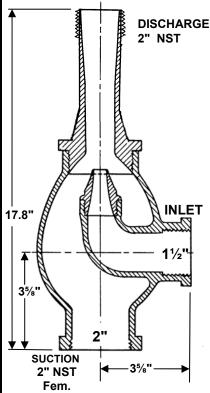
Tyger Drafting Eductors <u>Pump it dry</u>



DRAFT USING SOFT HOSE !

VITA MOTIVATOR P.O. Box 8139 Englewood, NJ 07631 201-567-1151 : fax 201-734-8482 michaels.greene@att.net

Tyger 1¹/₂" Drafting Eductor <u>Pump it dry</u> DISCHARGE 1½" NST **Body & Diffuser:** Aluminum** Materials: MALE Nozzle: Bronze Connections: All 11/2" NST Operation Suction Capacity Up to 40 GPM Suction Lift Up to 23 Feet Discharge Head Up to 100 Feet 75 – 150 PSI Motive Pressure 13.4" Motive Quantity Up to 50 GPM Weight 2 Lbs 11/2" NST Fem. Suggested Uses 1. Wild land Structure Protection INLET 2. Drafting water from remote water supplies 3. Dewatering basements, boats, tanks, etc. 3¾" 4. Refilling Strike team



SUCTION

1¹/₂" NST male

-3½

Tyger 2"

E	<u>Materials:</u>	Body Nozzle	ody & Diffuser: ozzle:			Aluminum** Bronze		
	<u>Connections</u>	Suctio	on: arge:	2"	' NST NST NST			
	Operation Suction Cap Suction Lift Discharge H Motive Press Motive Quan Weight	ead sure	Up to Up to Up to 100-20 Up to 7½ LI	23 F 140 00 P\$ 40 G	eet Feet SI			
	Suggested L 1. Wild land 2. Drafting 3. Dewateri	l Struct water fr	om ren	note	water	• •		

Drafting Eductor

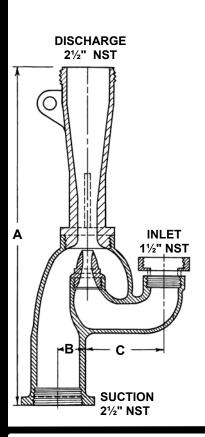
- 4. Refilling Strike team
- 5. Pumping water out of holds during firefighting operations.
- 6. Regular or emergency pumping of liquids from pits, etc

5. Pumping water out of holds during firefighting operations.

Pump it dry

6. Regular or emergency pumping of liquids from pits, etc

Tyger 2¹/₂" Drafting Eductor <u>Pump it dry</u>



<u>Materials:</u>	Bod
	Nor

Connections:

dv & Diffuser: Nozzle:

Inlet

Suction

Discharge

Aluminum** Monel

11/2" NST 21/2" NST 21/2" NST



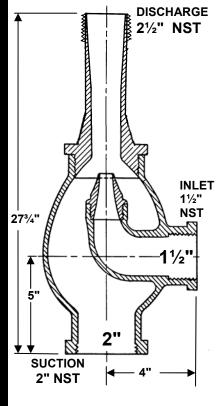
Operation Suction Capacity Suction Lift Discharge Head Motive Pressure Motive Quantity Weight

Up to 100 GPM Up to 20 Feet Up to 80 Feet 100 – 150 PSI Up to 120 GPM 8 Lbs

Suggested Uses

- Wild land Structure Protection 1.
- Drafting water from remote water surgering 2.
- 3. Dewatering basements, boats, tanks, etc.
- 4. **Refilling Strike team**
- 5. Pumping water out of holds during firefighting operations.
- Regular or emergency pumping of liquids from pits, etc 6.

Tyger 2¹/₂"LX Drafting Eductor



Materials: Nozzle:

Body & Diffuser:

Up to 50 GPM

Up to 23 Feet

Up to 140 Feet

100-200 PSI

8 Lbs

Up to 40 GPM

Connections: Inlet: Suction: Discharge:

21/2" NST

Operation **Suction Capacity** Suction Lift Discharge Head **Motive Pressure** Motive Quantity Weight

Suggested Uses

- 1. Wild land Structure Protection
- Drafting water from remote water supplies 2.
- 3. Dewatering basements, boats, tanks, etc.
- 4. **Refilling Strike team**
- 5. Pumping water out of holds during firefighting operations.
- Regular or emergency pumping of liquids from pits, etc 6.





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Pump it dry

Aluminum** Bronze

11/2" NST 2" NST

Tyger 4" Drafting Eductor Pump it dry

Aluminum

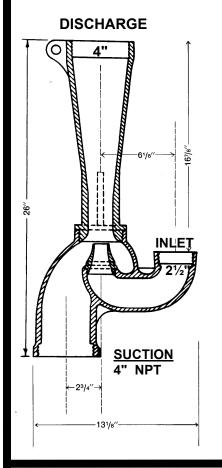
316 Stainless

175 – 350 GPM

Up to 20 Feet

Up to 80 Feet 50 – 150 PSI

20 Lbs



<u>MATERIALS</u> Body & Diffuser: Nozzle:

GENERAL DATA

Suction Capacity: Suction Lift: Discharge Head: Inlet Pressure: Weight:

CONNECTIONS:

Inlet Suction Discharge 2¹/₂ NPT Female 4" NPT Female

4" NPT Female

Suggested Uses

- 1. Wild land Structure Protection
- 2. Drafting water from remote water supply
- 3. Dewatering basements, boats, tanks, etc.
- 4. Refilling Strike teams
- 5. Keeping bottoms dry during tank or hold washing operations
- 6. Pumping water out of holds during firefighting operations.
- 7. Regular or emergency pumping of liquids from, cargo spaces, pits, etc.

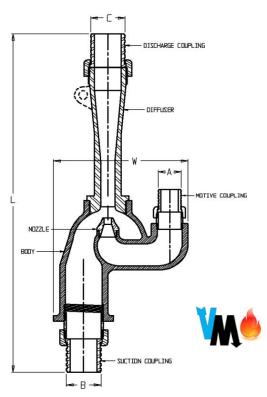
VM Tyger Drafting Eductors <u>Pump it dry</u>

- DRAFT USING SOFT HOSE
- Draft from remote water supplies
- Eductors are lowered into water or can be used with suction hose.
- Drain water from basements, sumps, pits, tanks and boats.
- No Moving Parts- nothing to break or wear out.
- Optional Items:
 - 1. Barrel Suction Strainers / Lay Flat Suction Strainers
 - 2. Sizes up to 6" available
 - 3. Adapters for any thread style
 - 4. Powder coating in any color
 - 5. Non Return Check valve can be fitted.
 - 6. Eductors available in Aluminum or Bronze
 - 7. Aluminum Eductors are anodized and powder coated.





VM TYGER DRAFTING Eductors



Water distribution systems have been rendered ineffective during major wild lande fires due to power outages to pumping stations, over taxing by larger numbers of fire fighting resources, or poorly designed & inadequate systems. During major earthquakes water mains shift and break apart dumping large volumes of water.

Swimming pools, lakes, ponds, streams et can be utilized as alternate resources due to poor access for engines to draft with hard suction hoses.

The water eductor is used by the Navy & Coast Guard for 50 years & is used to supply firefighting hoselines aboard ship. Suggested Uses:

- 1. Wild land structure protection
- 2. Drafting water from remote water supply
- 3. Dewatering Basements, boats, tanks, etc
- 4. Refilling strike team.
- 5. Use to pump water out of holds during firefighting operations.

<u>VM 'TYGER' Portable DRAFTING EDUCTORS & EDUCTOR</u> <u>KITS</u> for emergency drafting from swimming pools, lakes, streams or any alternative static water source.

Eductors are driven by water from the fire engine apparatus.

- The primary purpose of the drafting eductor is to provide a water supply in the absence of functioning fire hydrants. This can be accomplished using swimming pools, lakes, streams, reservoirs & other alternate water sources available. For use when drafting with hard suction hose is impractical.
- The secondary purpose for the drafting eductor is for dewatering ie: basements, boats, tanks, etc.
- VM supplies just the eductor, as well as in "kit" form, complete with hoses & couplings.



VM "TYGER DRAFT" PORTABLE DRAFTING EDUCTORS

<u>V.M.</u>		<u>A</u>	<u>B</u>	<u>C</u>			Suction
Model #	<u>SIZE</u>	<u>Motive</u>	Suction	<u>Discharge</u>	Ŀ	<u>w</u>	<u>Cap.(max.)</u>
1316-11/2" TYGER DRAFT Eductor	³ ∕₄" x 1" x 1½"	³ ⁄4"	1"	1½ "	10"	6"	10 GPM
300-1 ¹ / ₂ "L TYGER DRAFT Eductor	1½" x 1½" x 1½"	1½ "	1½ "	1½ "	14½ "	6½ "	35 GPM
250-2"L TYGER DRAFT Eductor	1½" x 2" x 2"	1½ "	2"	2"	24"	11"	110 GPM
1544-2 ¹ / ₂ " TYGER DRAFT Eductor	1½" x 2½" x 2½"	1½ "	2 ½"	2½ "	31"	9"	120 GPM
1554-4" TYGER DRAFT Eductor	2½" x 4" x 4"	2½ "	4"	4"	32"	13"	350 GPM

PUMP IT DRY – WITH V.M. EDUCTORS

PUT A 'TYGER' IN YOUR TANKER



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