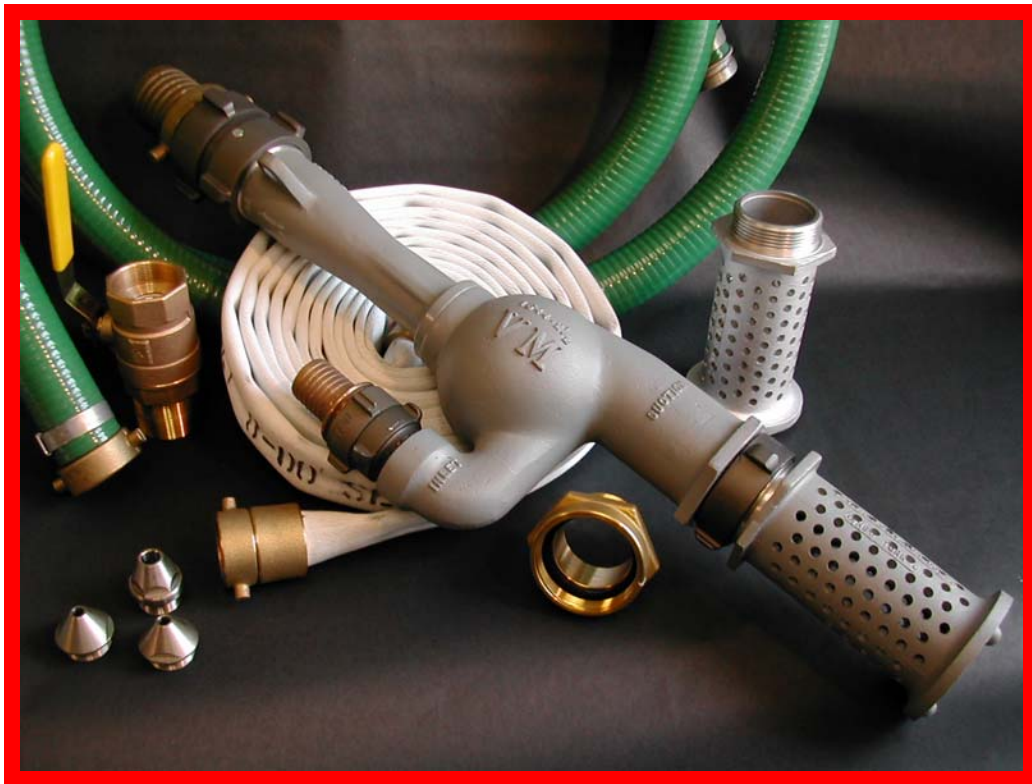




Tyger Drafting Eductors

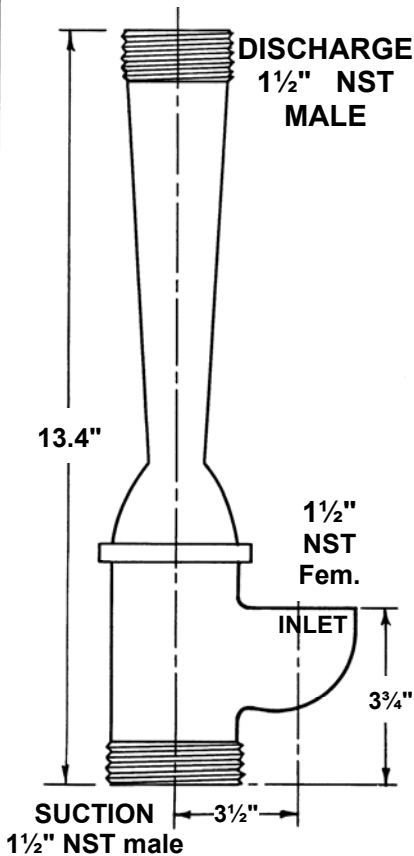
Pump it dry



DRAFT USING SOFT HOSE !

Tyger 1½" Drafting Eductor

Pump it dry



Materials: Body & Diffuser: Aluminum**
Nozzle: Bronze

Connections: All 1½" NST

Operation

Suction Capacity Up to 40 GPM
Suction Lift Up to 23 Feet
Discharge Head Up to 100 Feet
Motive Pressure 75 – 150 PSI
Motive Quantity Up to 50 GPM
Weight 2 Lbs

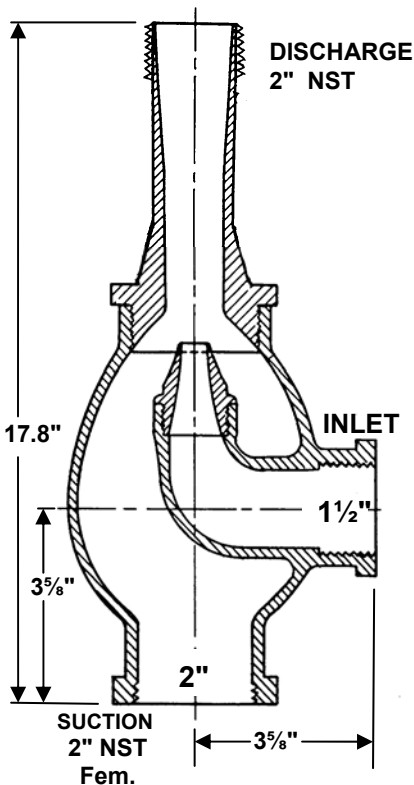


Suggested Uses

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

Tyger 2" Drafting Eductor

Pump it dry



Materials: Body & Diffuser: Aluminum**
Nozzle: Bronze

Connections: Inlet: 1½" NST
Suction: 2" NST
Discharge: 2" NST

Operation

Suction Capacity Up to 50 GPM
Suction Lift Up to 23 Feet
Discharge Head Up to 140 Feet
Motive Pressure 100-200 PSI
Motive Quantity Up to 40 GPM
Weight 7½ Lbs

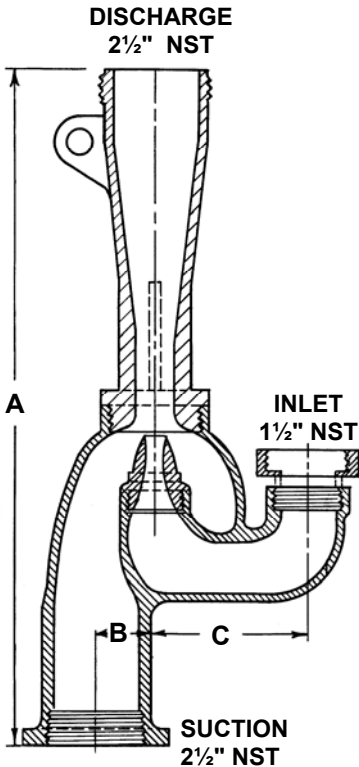


Suggested Uses

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

Tyger 2½" Drafting Eductor

Pump it dry



Materials: Body & Diffuser: Aluminum**
Nozzle: Monel

Connections: Inlet 1½" NST
Suction 2½" NST
Discharge 2½" NST

Operation
Suction Capacity Up to 100 GPM
Suction Lift Up to 20 Feet
Discharge Head Up to 80 Feet
Motive Pressure 100 – 150 PSI
Motive Quantity Up to 120 GPM
Weight 8 Lbs

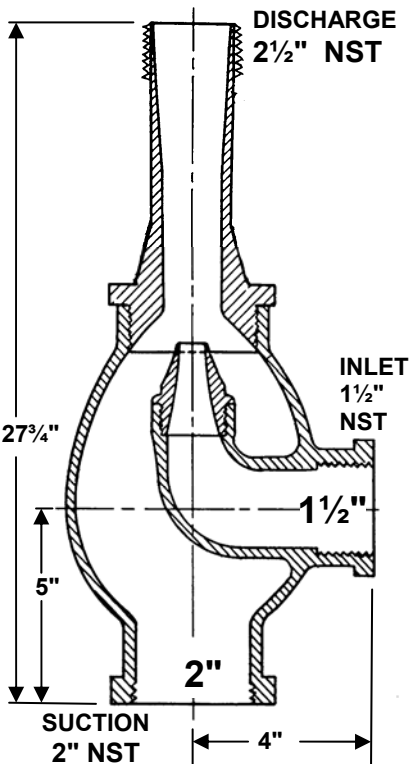
Suggested Uses

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



Tyger 2½"LX Drafting Eductor

Pump it dry



Materials: Body & Diffuser: Aluminum**
Nozzle: Bronze

Connections: Inlet: 1½" NST
Suction: 2" NST
Discharge: 2½" NST

Operation
Suction Capacity Up to 50 GPM
Suction Lift Up to 23 Feet
Discharge Head Up to 140 Feet
Motive Pressure 100-200 PSI
Motive Quantity Up to 40 GPM
Weight 8 Lbs

Suggested Uses

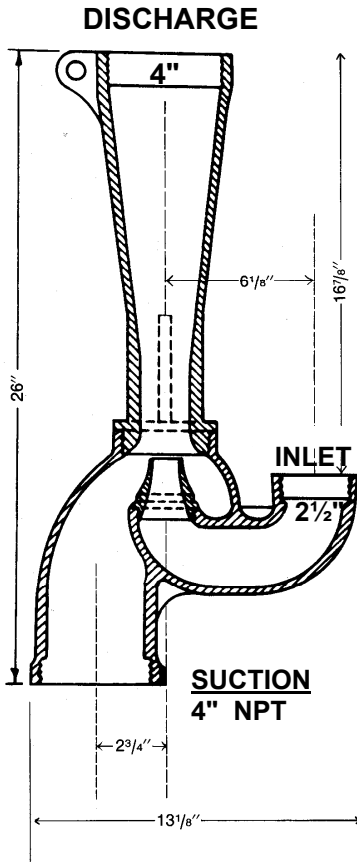
1. Wild land Structure Protection
2. Drafting water from remote water supplies
3. Dewatering basements, boats, tanks, etc.
4. Refilling Strike team
5. Pumping water out of holds during firefighting operations.
6. Regular or emergency pumping of liquids from pits, etc



Tyger 4"

Drafting Eductor

Pump it dry



MATERIALS

Body & Diffuser: Aluminum
Nozzle: 316 Stainless

GENERAL DATA

Suction Capacity: 175 – 350 GPM
Suction Lift: Up to 20 Feet
Discharge Head: Up to 80 Feet
Inlet Pressure: 50 – 150 PSI
Weight: 20 Lbs

CONNECTIONS:

Inlet 2 1/2 NPT Female
Suction 4" NPT Female
Discharge 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.



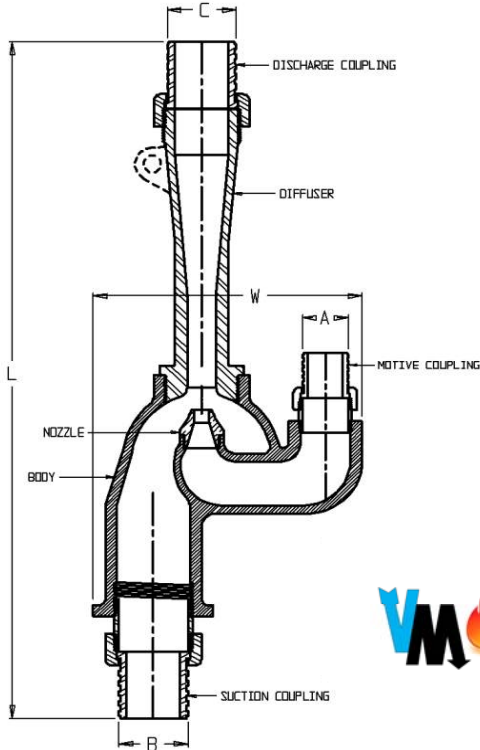
VM Tyger Drafting Eductors

Pump it dry

- 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



VM 'TYGER' Portable DRAFTING EDUCTORS & EDUCTOR KITS 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.

Water distribution systems have been rendered ineffective during major wild land 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.



VM "TYGER DRAFT" PORTABLE DRAFTING EDUCTORS

<u>V.M.</u> <u>Model #</u>	<u>SIZE</u>	<u>A</u> <u>Motive</u>	<u>B</u> <u>Suction</u>	<u>C</u> <u>Discharge</u>	<u>L</u>	<u>W</u>	<u>Suction</u> <u>Cap.(max.)</u>
1316-1½" TYGER DRAFT Eductor	¾" x 1" x 1½"	¾"	1"	1½"	10"	6"	10 GPM
300-1½"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
1544-2½" TYGER DRAFT Eductor	1½" x 2½" x 2½"	1½"	2½"	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



V.M. #1544-2 1/2" Portable Eductor Kit