

# VM # 1316-1" TYGER

# Portable Eductor Kit

The V.M. # 1316 - 1" Portable Eductor is used on board tankers, oil rigs, and vessels of all types. The portable ejector is used to remove liquids from tanks, sumps, pits, and cargo and ballast spaces. This small eductor allows access to inaccessible spaces. Suggested uses include:

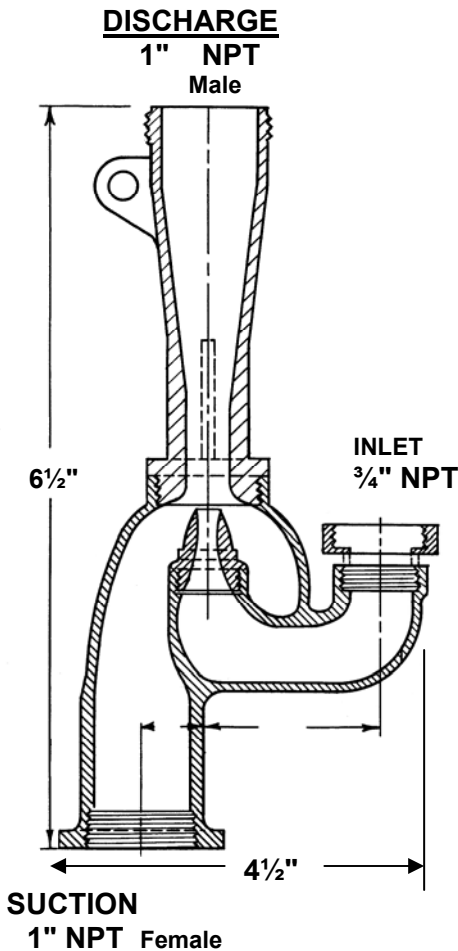


1. Keeping tank bottoms dry during tank or hold washing operations
2. Pumping water out of holds during firefighting operations
3. Regular or emergency pumping of liquids from ballast, bilge or cargo spaces
4. Powered by water pressure or the same liquid as suction fluid

This model can be lowered directly into the liquid to be suctioned. Or a length of suction hose can be attached. This model is available with an optional non-return valve and optional strainer. It can be furnished with hose barb couplings. BSP or NPT or JIS threads, Storz adapters or cam-lock quick coupling.

### Standard Shipboard Portable Eductor Kit – includes the following

- 1 pc V.M. # 1316-1" Bronze Eductor with Bronze Nozzle
- 1 pc V.M. INLET HOSE – Fire “Motive Pressure” Hose, 75' (23M) x 1½" with brass (NH) couplings to attach to eductor inlet
- 1 pc V.M. SUCTION HOSE - Non-Collapsible PVC Full Vacuum Hose, 20' ( 6 M ) x1" with brass coupling for eductor suction
- 1 pc V.M. DISCHARGE HOSE – Mill-Type water discharge hose, Lay Flat type 75' (23 M) x 1½" with Brass coupling for eductor disch.
- 1 pc V.M. SPARE BRONZE NOZZLE



Flow Data	Suction Capacity	Suction Lift	Discharge Head	Motive Pressure	Motive Flow
	5-10 GPM 1 – 3 M3/H	Up to -20 Feet Up to -6 Meters	Up to 70 Feet Up to 22 Meters	50 -150 PSI 4 – 10 Bar	10 -20 GPM 3 – 6 M3/H

Materials of Construction	ITEM	Standard	OPTIONAL MATERIALS
	BODY & DIFFUSER	Bronze	Stainless Steel, Ni-Alum, Aluminum,
	Nozzle	Bronze	316 Stainless Steel,
	Non-Return Valve	-----	Bronze, 316 Stainless Steel
	Strainer	-----	Bronze, 316 Stainless Steel

Connections	DESCRIPTION	STANDARD	Optional
	INLET	¾" NPT Female Thread	BSP threads, Hose barb, cam-lock
	SUCTION	1" NPT Female Thread	BSP threads, Hose barb, cam-lock
	DISCHARGE	1" NPT Male Thread	BSP threads, Hose barb, cam-lock

**PUMP IT DRY – WITH V.M. EDUCTORS**

**PUT A VM TYGER IN YOUR TANKER**