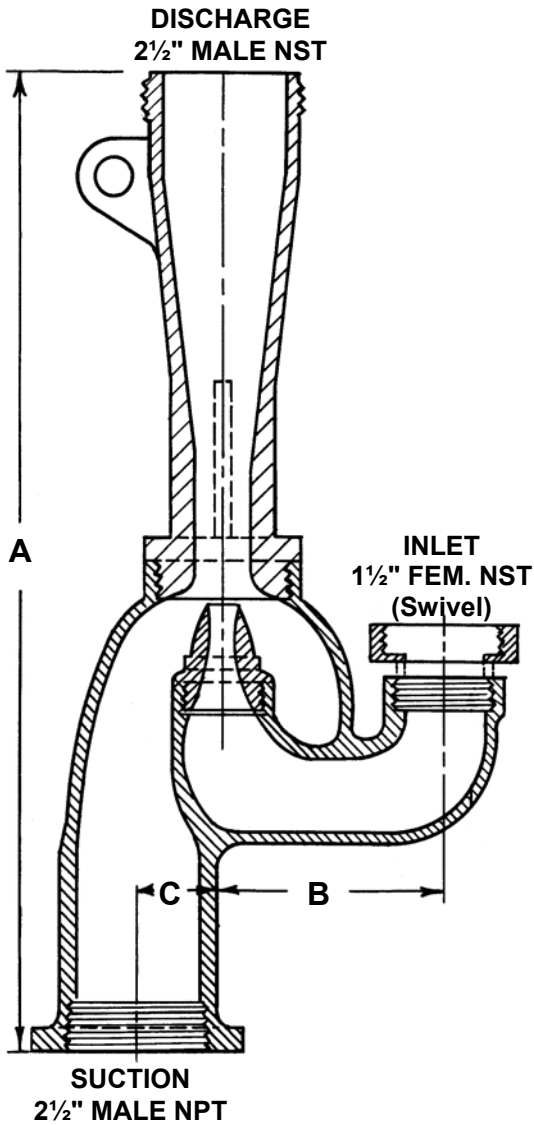


# VITAFLOW 1544-2½" Portable Eductor



This portable model is used when larger quantities of liquids have to be handled.

Fire hose can be attached to both discharge and inlet connections. Greatest suction capacity is achieved by lowering eductor into space to be pumped out.

## GENERAL CHARACTERISTICS

- Suction Capacity: 80-120 GPM
- Suction Lift: Up to 20 Feet
- Discharge Head: Up to 80 Feet
- Inlet Pressure: 50 – 150 PSI
- Weight: 25 Lbs

## MATERIALS OF CONSTRUCTION

Body & Diffuser: Bronze or Aluminum  
 Nozzle: Monel

## CONNECTIONS:

- Inlet 1½" NST Female
- Suction 2½" NPT Female
- Discharge 2½" NST Male



## Suggested Uses – Marine Departments

1. Keeping 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, cargo spaces, pits, etc.
4. Dewatering flooded basements, buildings, boats and tanks.

## 5. OPTIONAL / SPARE ITEMS

Eductor available in bronze & aluminum\*\* (hard coat anodized & powder coated)  
 Optional Lay Flat suction strainer or Barrel Suction Strainer  
 Swivel NST Adapter fittings.

Suction Capacity		Motive Pressure		Motive flow		Suction Lift		Discharge Head	
GPM	(M3/Hr)	PSI	(BAR)	GPM	(M3/Hr)	FEET	(Meters)	FEET	(meters)
80-120	(18 - 27)	50-150	(3-10)	70 – 120	(16 - 27)	0-20	(0-6)	Up to 80	(up to 24)

INLET		Suction & Disch		A		B		C		D	
Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)	Inch	(mm)	LBS	(kg)
1½"	(38)	2½"	(65)	19½"	(489)	4½"	(114)	1¾"	(44)	25	(11)

## PUMP IT DRY with VF EDUCTORS & EJECTORS

VITAFLOW, LLC, 576 N. Birdneck Rd, Unit 142, Virginia Beach, VA 23451, Michael Hume, COO, Ph: 904/316-5774, mhume@vitaflow.com