

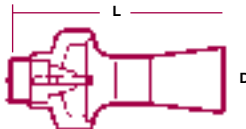
TEEJET & HYPRO

Tank Mixing Eductors

Designed to be used for increased agitation of liquids contained in tanks when settling or local density variations are unacceptable. Typically, eductors can increase the circulation rate by a factor of 5 because of the unique design which operates on the Venturi Principle.



Dimensions



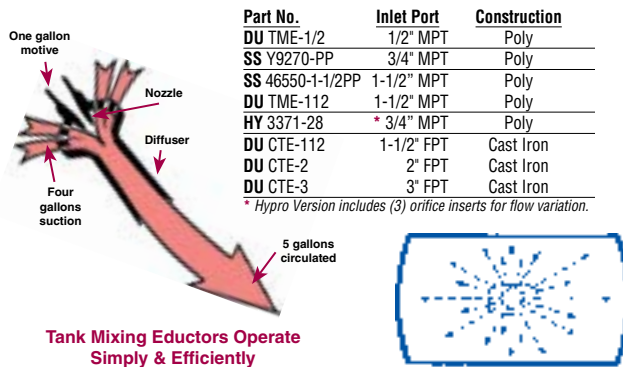
These eductors are cast or molded in one piece, with ample thickness, resulting in a strong, durable product. The polypropylene types offer excellent chemical resistance. Eductor nozzles are designed for high flow rates.

Materials are:

- Polypropylene
- Cast Iron

TME SPECIFICATIONS

Size	Total Circulation Rate-GPM				D	L
3/8"	55	70	85	100	1-1/4"	4-1/2"
3/4"	85	105	125	150	2-7/8"	6-1/2"
1-1/2"	200	265	315	375	4-1/2"	9-3/4"
Pressure (psi)	15	25	35	50		

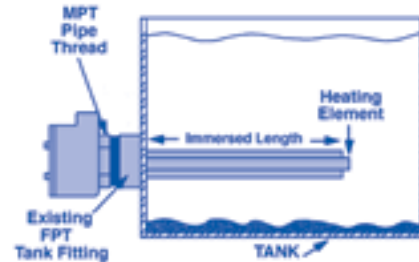
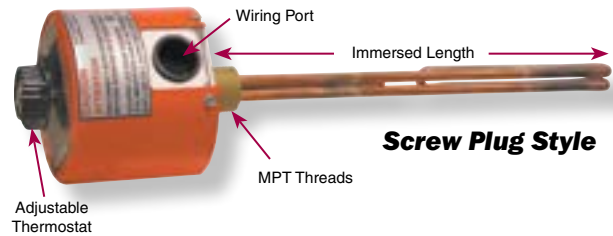


Part No.	Inlet Port	Construction
DU TME-1/2	1/2" MPT	Poly
SS Y9270-PP	3/4" MPT	Poly
SS 46550-1-1/2PP	1-1/2" MPT	Poly
DU TME-112	1-1/2" MPT	Poly
HY 3371-28	3/4" MPT	Poly
DU CTE-112	1-1/2" FPT	Cast Iron
DU CTE-2	2" FPT	Cast Iron
DU CTE-3	3" FPT	Cast Iron

* Hypro Version includes (3) orifice inserts for flow variation.



— Commercial / Industrial Grade —



Commercial Grade, Screw Plug Heaters are intended for direct immersion to heat a variety of fluids to specific temperatures. The heater element is designed to be installed into a female threaded port in an existing tank or vessel.

Available in different materials for a wide variety of heating applications with or without thermostats.

Units shown feature general purpose, indoor rated housings with adjustable thermostats for 30° to 250° F. control temperatures. (*Outdoor NEMA 4 or Hazardous NEMA 7 housings are also available on special order.*)

Voltage ratings are single phase, 120 volt or 120/240 volt as shown. (*3 Phase available*). UL and CSA rated.

Steel or Incoloy sheath elements are available with 1", 1-1/4", 1-1/2" or 2" Male NPT threads (*Stainless is also available*).

Common sizes are shown, but immersed length, wattage and volts can be made in most any configuration to meet your needs. (*Non-stock models are special made to order and are non-returnable*).

MATERIAL OPTIONS:

Steel Sheath, Steel Plug: Fuel oils, hydraulic oils, degreasing solutions and other non-corrosive liquids.

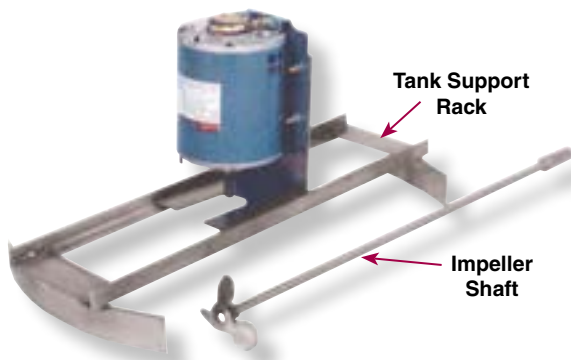
Incoloy® Sheath, 304SS Plug: Caustic solutions, degreasing products, process water and cleaning solutions.

Liquid Drum Mixer

Liquid Drum Mixers for blending, mixing, suspending or dissolving liquids and powders into solutions. Mixing is done directly in tanks, drums or holding containers.

Standard Features: Impeller and Shaft are 304 Stainless Steel Construction

- Rack is 304SS • Motors are Open-drip proof.



Part No.	Mount	Motor	Shaft	Wt.
BL AO5DS	Drum	1/4 HP Open	1/2" x 28"	26 lbs.

Part No.	MPT		Volts	Watts	Immersed Length
	Plug	Element			
JS 6BC-S2	1" 304SS	Incoloy	120	1000	6-5/8"
JS 16BC-S2	1" Steel	Steel	120	1000	16-3/4"
JS 18BC-S2	1" 304SS	Incoloy	120	2000	12-1/2"
JS 12BE-S2	1-1/4" Steel	Steel	120/240	1000	12-3/4"
JS 8BE-S2	1-1/4" 304SS	Incoloy	120/240	2000	8-1/2"
JS 77BG-S2	2" Steel	Steel	120/240	2000	17-1/2"
JS 71BG-S2	2" 304SS	Incoloy	120/240	3000	11-1/8"



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