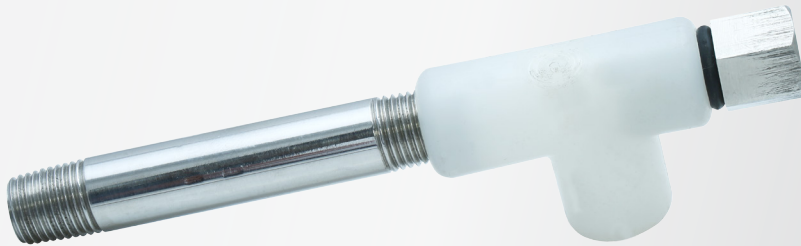


EDUCTOR

EDU1



FEATURES

- » Venturi pump
- » Ease of Maintenance
- » Effective Vacuum / Suction up to 400 mm Hg
- » Anti corrosive Teflon Housing

ADVANTAGES

- » Complete engineered package.
- » User Friendly with full & easy service access
- » Mechanical Components for regular service
- » Unique design & component reliability ensures minimum servicing excepting routine cleaning or general maintenance
- » Unit can work within harsh environment & high ambient of 8°C to 80°C areas
- » Vacuum tight and leak free O ring seal
- » Dense/Tiny design
- » Only Mechanical Design

DESCRIPTION

The basic requirement for Eductors are to perform according to given parameter with trouble free operations.

These are used at mainly at remote locations or at very challenging locations or experiencing extreme weather conditions.

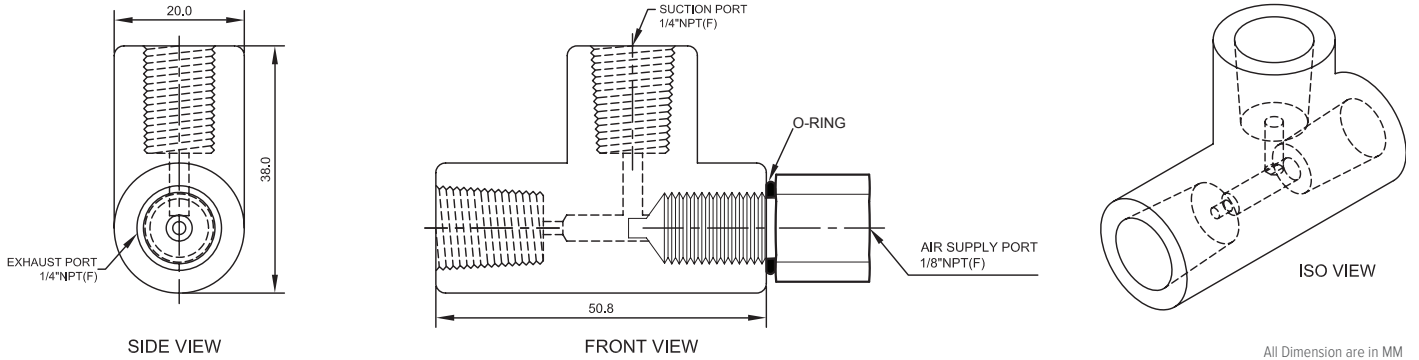
AXIS brings you the equipment to meet diverse and exacting demand which runs trouble free for 24 X 7 in Power generation sector, Chemical plants, Process Plants, Instruments Panels, Food Processing machinery.

AXIS Eductors offer a non electrical means, no mechanical moving parts for transporting a sample stream.

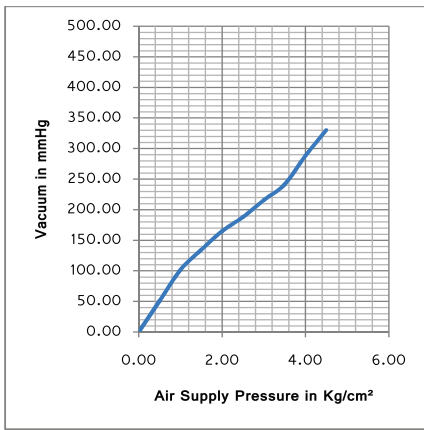
Eductor work on the basic flow dynamics principles. The principle of venturi nozzle applies here. This involves taking a power of one stream and accelerating through tapered nozzle by increasing velocity of the stream and create a vacuum due to increased flow & decreased pressure. This will move power of one stream to create a vacume for other. In turn both are mixed together & discharge from the exhaust port.

Eductors are also known as Mechanical Vacuum Pump or Venturi Pump. Application like hazardous area where electrical apparatus are the challenge to use, can have Eductor as best alternatives.

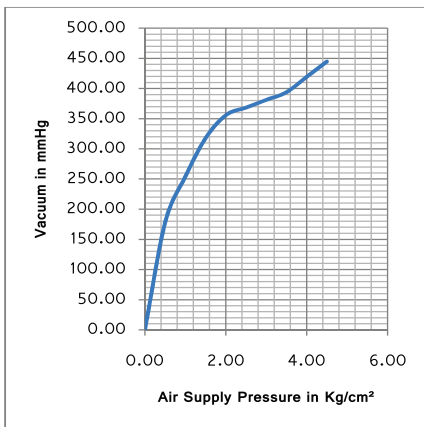
DIMENSION DETAILS



All Dimension are in MM



Eductor with 1.2 mm orifice



Eductor with 1.8 mm orifice

TECHNICAL SPECIFICATION

General	Mounting	Wall (Any)
	Dimension	38 x 51 x 20 (HxWxD) mm
	Sample	Air or Gas
Connection	Air Inlet port	1/8" NPT (F)
	Suction port	1/2" NPT (F)
	Discharge port	1/4" NPT (M) (1/4" threaded tube) with L= 85mm for EDU12S & L= 110mm for EDU18S
Material	Body Material	Teflon
	Nozzle	SS 304 or Teflon (On request)
Functionality	Ambient Temperature	8°C to 80°C
	Vacuum	Upto 450 mm Hg

PRODUCT / ACCESSORIES

Description	Part No.	Quantity
Eductor with 1.2 mm SS 304 Nozzle	EDU12S	1 No.
Eductor with 1.8 mm SS 304 Nozzle	EDU18S	1 No.
Eductor with 1.2 mm Teflon Nozzle	EDU12T	1 No.
Eductor with 1.8 mm Teflon Nozzle	EDU18T	1 No.

Note: If process containing HCL or high level of corrosive acid / gas concentration then use TF nozzle.