

WATER JET EJECTORS

Principle

Water jet ejector uses water as motive force. The induced fluid is entrained and condensates are condensed. The non condensed gases are then compressed in the diffuser & discharged into a constant level water sea tank against atmospheric pressure. Maximum absolute pressure obtained by these types of Ejectors depends on the temperature of water or motivating fluid. Generally absolute pressure at shut off nearly equals to the vapor pressure of the operating liquid at operating temperature. These units are most economical where condensable vapors are to be handled.

Product Range

- » Low Level
- » Barometric
- » Multi-Jet Low Level
- » Multi-Jet Barometric
- » Laboratory Water Jet Ejector

Material of Construction:

Cast Iron
Stainless steel
Carbon Steel
Alloy Steel
Hast Alloy
PVC
PP
Rubber Lined
PTFE
Graphite
Other Exotic Materials

*Other MOC can be offered as per customer requirement. For the same please contact New Field.

Absolute Pressure Range:

30 Deg C (Water)	32-40mm HG Absolute
3 Deg C (Water)	5-10 mm HG Absolute



Low Level Steam + Water Ejector

Principle

The principle of operation remains same as of Water Jet Ejector but motive force is produced by steam and water mixture. It is widely used in food processing, petroleum and others to produce low suction pressure as required by many production operations and laboratories.

Water Ejector

One Stage Steam + Water Ejector	Up to 10 mm HG Absolute
Two Stage Steam + Water Ejector	Up to 1 mm HG Absolute
Three Stage Steam + Water Ejector	Up to 0.5 mm HG Absolute
Four Stage Steam + Water Ejector	Below 0.5 mm HG Absolute

Material of Construction

Please refer Water Jet Ejectors' Material of Construction.

* For specific requirement please contact NEW FIELD



NEW FIELD INDL. EQUIP. PVT. LTD.

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