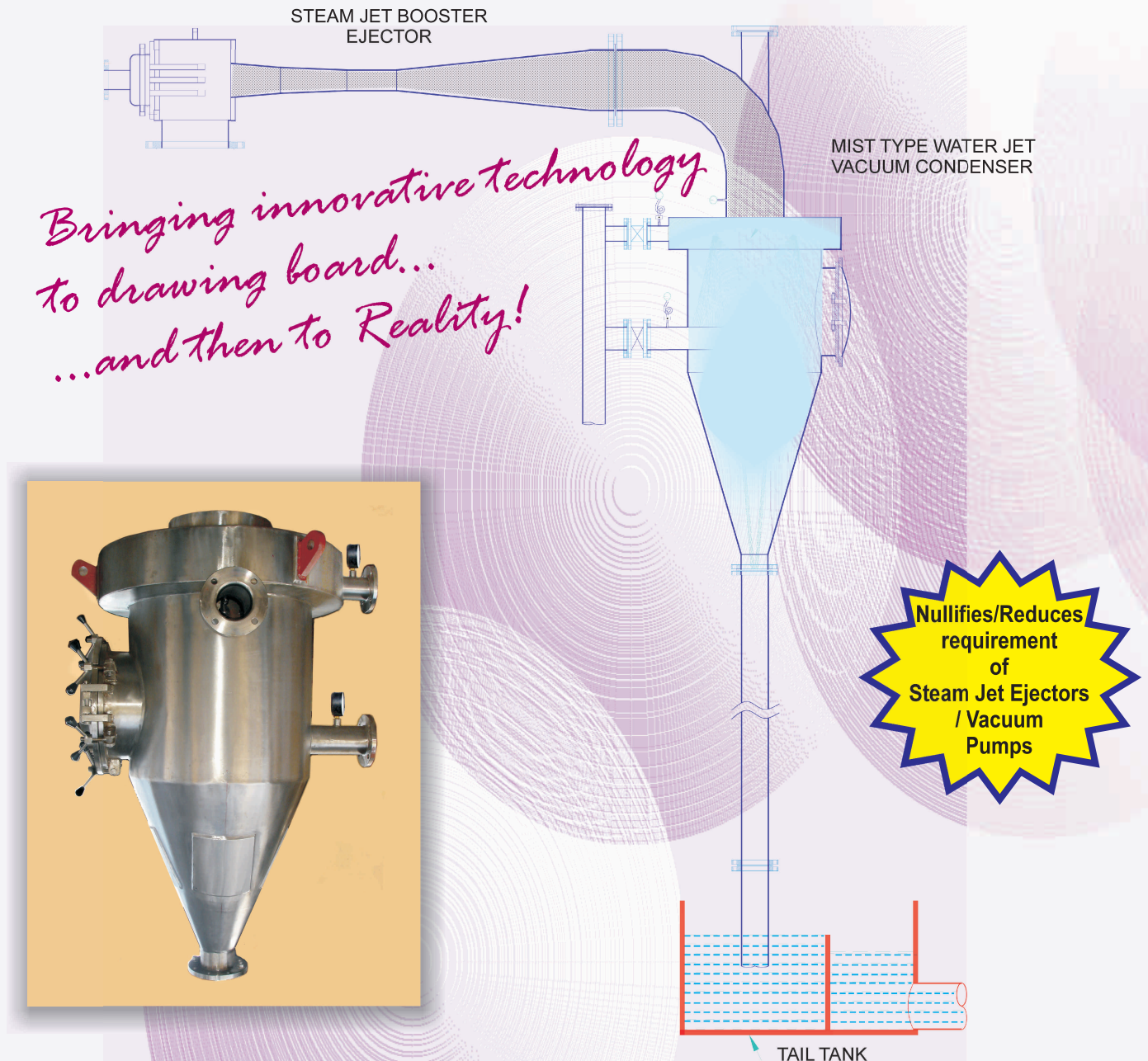




MIST TYPE WATER JET & COMBO VACUUM SYSTEM

...a superior alternative to Conventional Barometric Condensers with Steam Jet Ejectors / Vacuum Pumps



MREPL has developed Mist Type Water Jet Vacuum Condensers, which perform multiple function of condensation of vapours as well as production of vacuum in the same unit **by water pressure only**. Also Combo Vacuum System for Vacuum up to 0.1 Torr (a) is now available and in successfull operation. Here, use of Steam Jet Ejector or Vacuum Pump is nullified / reduced, saving huge amount of coal / power.

Over 100 Units operational
in various Industries



Applications

In all process industries like:

- Chemical / Petrochemical
- Starch
- Oil Extraction / Refining
- Rayon
- Sugar
- Food / Pharmaceutical
- Fertilizer
- Paint / Latex
- Pulp & Paper
- Allied industries where vacuum is required to be generated in connection with operations such as Evaporation, Filtration, Distillation, Absorption, Mixing, Flash Cooling etc.

MIST TYPE WATER JET VACUUM SYSTEMS

Mist Type Water Jet Vacuum Systems

a) Mist Type Water Jet Vacuum Condenser (MTWJVC)

MTWJVC is used when vacuum upto 60 Torr (a) is required. MTWJVC uses water alone to effectively condense vapours as well as produce vacuum by using combination of patented Mist Creator Nozzles & Pencil beam Shooter Nozzles. Hence use of Steam Jet Ejector or Vacuum Pump is nullified.

b) Mist Type Combo Vacuum System (Under licence of M/s. HCPI, Mumbai)

As name suggests, Mist Type Combo Vacuum System, uses small quantity of steam & water to achieve vacuum up to 0.1 Torr (a). Conventional booster steam ejector consume high amount of steam.

With innovative design of Combo Vacuum System there is direct saving of up to 50% steam consumed.

SALIENT FEATURES

- **Constant vacuum up to 700 mm Hg (60 Torr abs.) by water only.**
- **Constant vacuum up to 0.1 Torr using combination of Steam and water from our "Combo" System.**
- Guaranteed saving of Steam from 30 to 100%.
- Easy operation and Negligible maintenance.
- Less space required as compared to Conventional system.
- Life of more than 15 to 20 years due to high quality moc.
- **PAY BACK PERIOD OF LESS THAN 1 YEAR.**

Our Prominent Clients

M/S. CENTURY RAYON
SHAHAD, DIST: THANE

M/S. CENTURY ENKA
PUNE.

M/S. KESORAM RAYON
KOLKATTA

M/s. ADITYA BIRLA GROUP

M/S. GUJARAT AMBUJA EXPORTS LTD.
PITHAMPUR, M. P..

M/S. FOODS FATS & FERTILISERS LTD.
TADEPALLIGUDEM, W.G.D.T, AP.

M/s. SUKHJIT STARCH
DIST. UNA, H.P.

M/S. APCOTEX INDUSTRIES LTD.
Dist. Raigad.



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