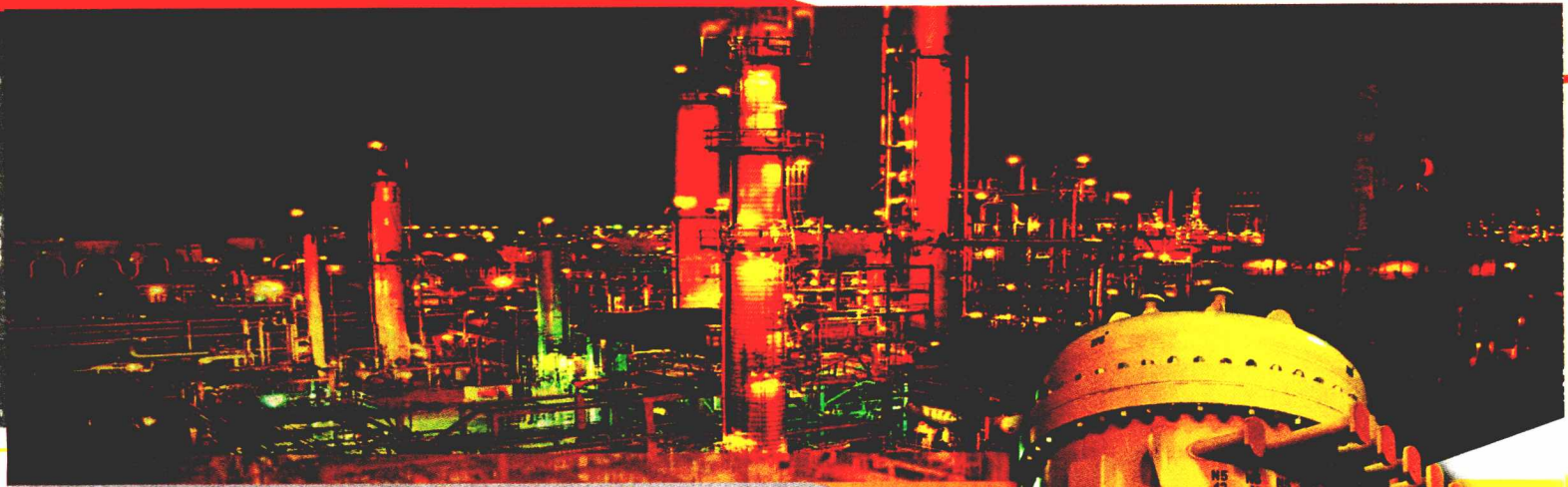
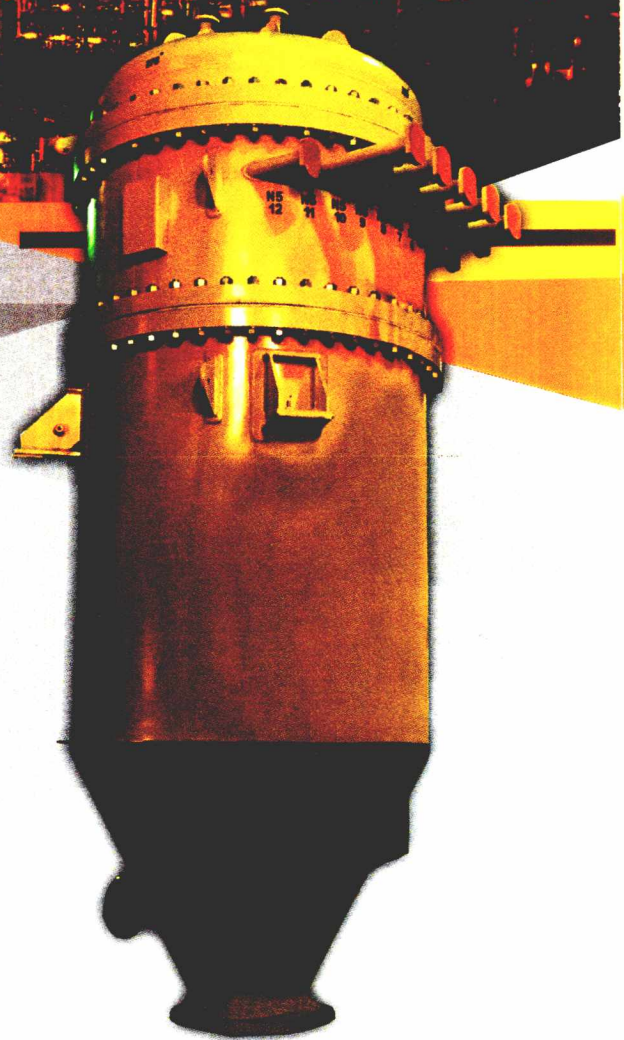




Where Technology Moves with Time



PULSE JET CANDLE FILTER FOR CHLOR-ALKALI INDUSTRY

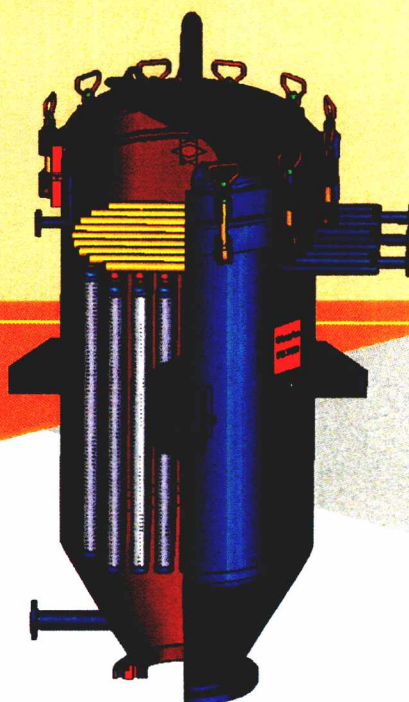


SHARPLEX FILTERS (INDIA) PVT. LTD.

PULSE JET CANDLE FILTER

FOR BRINE FILTRATION Advantages

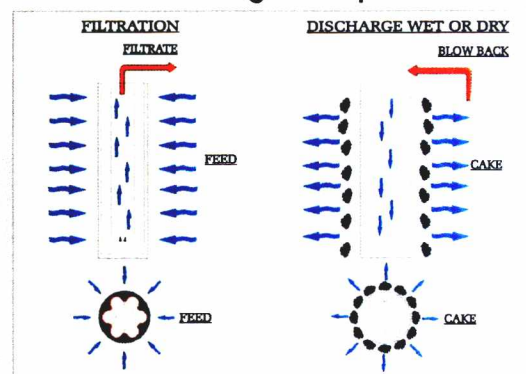
- Filtration rates are much higher due to high differential pressure used in Pulse jet candle filters as against maximum of 0.8 bar used in other filters.
- There are not rotating parts and hence very low wear & tear and consequently low maintenance less down time and less replacement cost.
- Very effective backwash /back blow at high pressure generates absolute cleaning and discarding of cake which means no blinding of filter media, longer filter life and better filtration efficiency through out operation
- Filter is never opened during filtration, washing and discharge or cleaning cycles.
- Better clarity of filtrate due to higher pressure drops and compact cake.
- Less space for installation and maintenance
- Detection and Isolation of defective candle register is quick and easy, without opening of filter and in spite of this filtration continues without loss of clarity
- Cake can be discharged as dry or as slurry
- Closed design - Protection of operators, environment - keeps the working place clean
- Very low Investment cost.
- All parts are manufactured indigenously and complete filter with vessel and Internals is assembled in our factory and tested and dispatched and hence no downtime during erection and commissioning.
- All spares parts are available ex-stock and hence client need not keep much inventory.
- Service are available in one day notice.



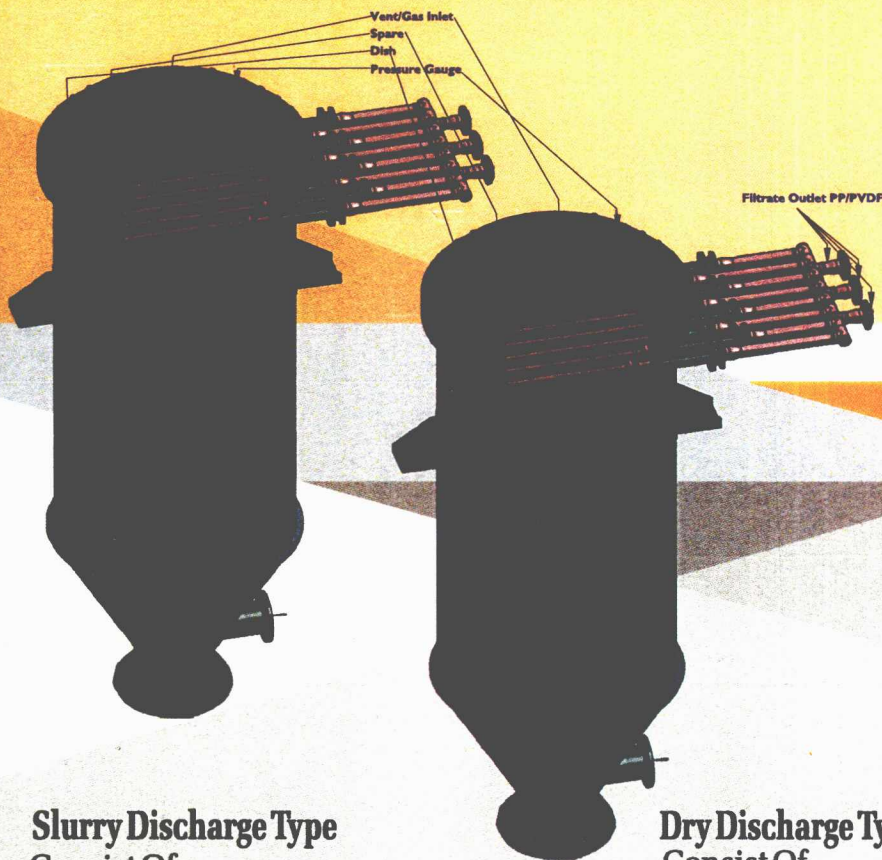
Technical Data for Pulse Jet candle filter for brine filtration

- Avg. flow rate (10-15ppm)- 2000 lit/hr/m²
- Filtrate impurity - 0.5 ppm
- Pre coat used - cellulose
- Pre coat consumption - 1kg/m²/cycle
- Bodyfeed consumption - 1:1

Working Principle



PulseJet
Candle Filter
with PP
or PVDF
internals



Registers with
candle assembly



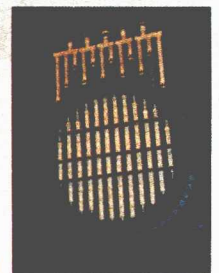
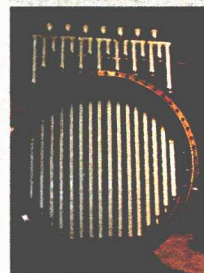
Candles dressed with filter media

Slurry Discharge Type Consist Of

- Vessel (C.S+RBL)
or Titanium
- Registers in PP or
PVDF or in
Titanium
- Manifold in PP
or FRP or PVDF
or Titanium

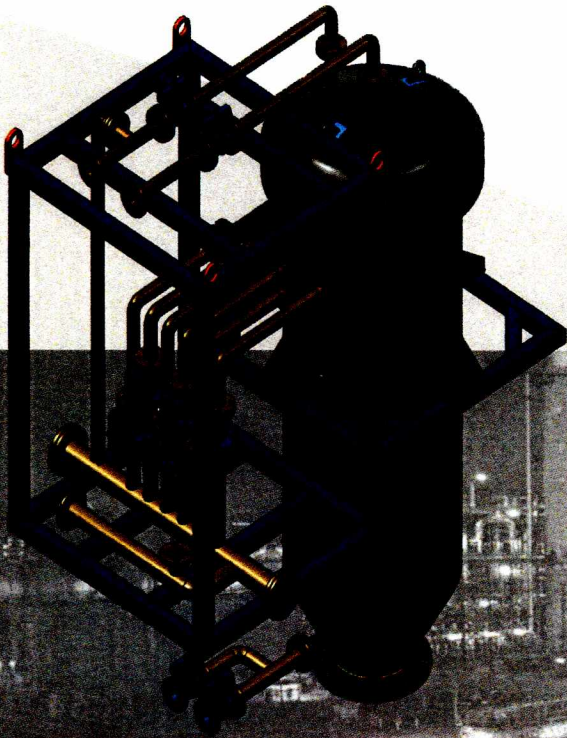
Dry Discharge Type Consist Of

- Vessel
(C.S+RBL)
or Titanium
- Registers in PP
or PVDF or
in Titanium
- Candles - PP
or PVDF
or Titanium
- Manifold in PP
or FRP or PVDF
or Titanium
- Butterfly vane -
CS + PFA lined



Vessel in carbon steel with rubber
lined with internals in PP

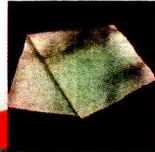
SKID MOUNTING UNIT



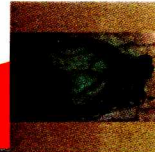
SPARES PARTS



Filter Candle



Filter Cloth



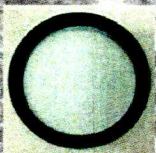
Wire Clamp



Nut & Bolt with Washer



Hose Gasket

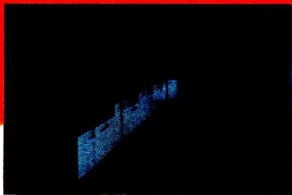


Register O-ring



Pin for Candle

RESERCH & DEVELOPMENT



SHARPLEX FILTERS (INDIA) PVT. LTD.

AN ISO 9001:2008/14001/18001 COMPANY

Plot No. R-664, T.T.C. Industrial Area, Rabale, MIDC, Navi Mumbai, India.

Tel. : +91 2269409850 +91-22-2769 6339/ 2769 6322 /2769 6331 Fax: +91-22 2769 6325

Email: sales@sharplexfilters.com

www.sharplex.com

