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Containment, Reliability & Flexibility

# Multi Tube Candle Filter

## Technology Introduction

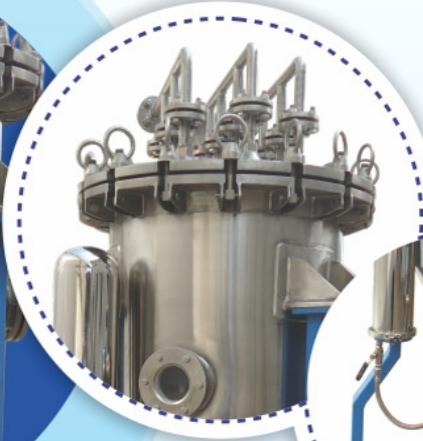
Carbon is a pyro-hazardous material that poses a significant risk to operators involved in filtering and cleaning equipment. With this filter, the filtering and cleaning process involves Safety, Cleanliness and Timeliness.

In Leaf filter the carbon should be removed manually every time where as in Multi Tube Carbon Filter, the discharge is automatic and the carbon is directly discharged into the tub without any manual handling.

Filtrate is pumped into filter, mother liquor is sent to ML tank and solid is collected on filter candle(s). By reverse flush method, wet cake is discharged and collected into a tub kept right below the filter.



## Multi Tube Candle Filter



### Features

- Multi-tube candle filters
- Customizable Candle size as per carbon quantity or client's requirement
- Zero discharge filter
- Reverse flush method
- No heal material left behind
- Zero dead volume
- Carbon discharged directly into tub
- No Spill-over

### Benefits

- Safer operation
- Cleaner environment
- Faster work
- Closed process
- Lesser manual involvement

### Applications

- Separation of Catalysts such as Nickel, Platinum, Palladium etc.
- Separation of Activated or Charcoal carbon at API plants
- Colour removal in Veg oil
- Resin filtration

### Technical Specs

- Sizes:**  
2 kg – 100 kg, 0.2 sq.m – 50 sq.m
- Porosity:**  
5 micron, 10 micron, 20 micron
- Filter Candle Material:**  
SS 316, Sintered, PP cloth, PE cloth
- Optional features:**  
SS 304, SS 316, Hast Alloy, HALAR, PTFE coating also possible



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## Schematic Engineering Industries

Plot No. 37/A, Road No. 52, Phase-IV, IDA, Jeedimetla, Hyderabad- 500 055. A.P. INDIA

Ph: +91 40 2309 4082 / 4083 | M: +91 958 1111 446,

Email: info@schematicind.com | www.schematicind.com