

# Stainless Steel Media Bag Filtration

for suspended solids filtration.

## Pure Tech India,

A-5, Trec step, Thuvakudi, Trichy -620 015

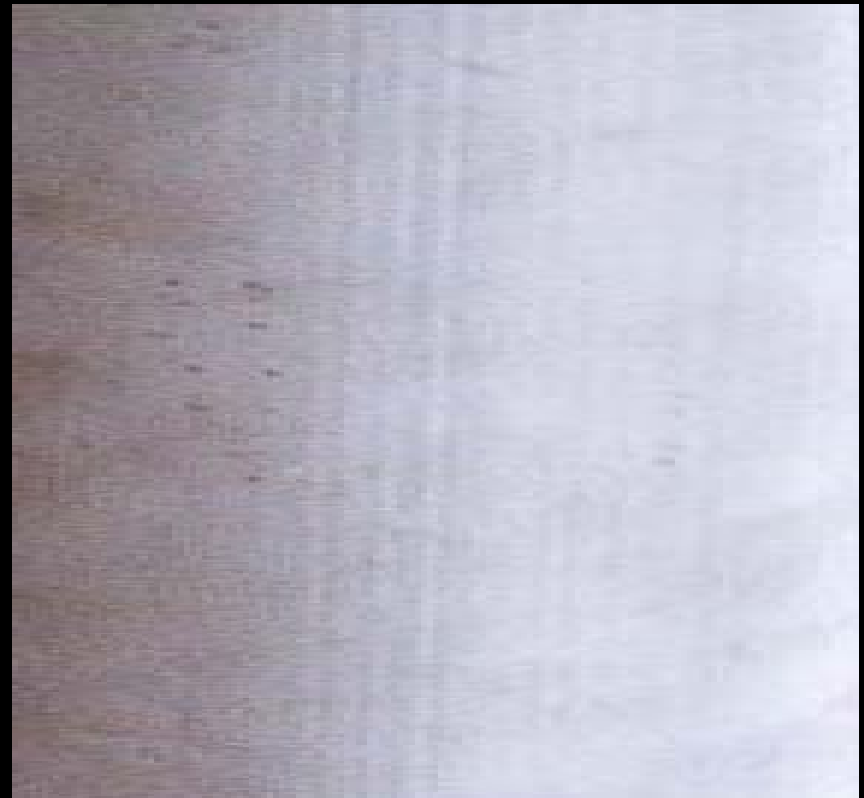
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# Introduction:

- Filtration of suspended solids upto 1 microns using stainless steel filter wire cloth.
- One time investment on filter media without consumables
- Backwashable media hence need for physical cleaning minimal.

## Filter Media:



- Stainless Steel Filter media in Twill and Dutch woven forms.
- MOC include SS304 and SS316.
- Filtration capacities offered 50, 20, 10, 5, 2 and 1 microns

## Housing:



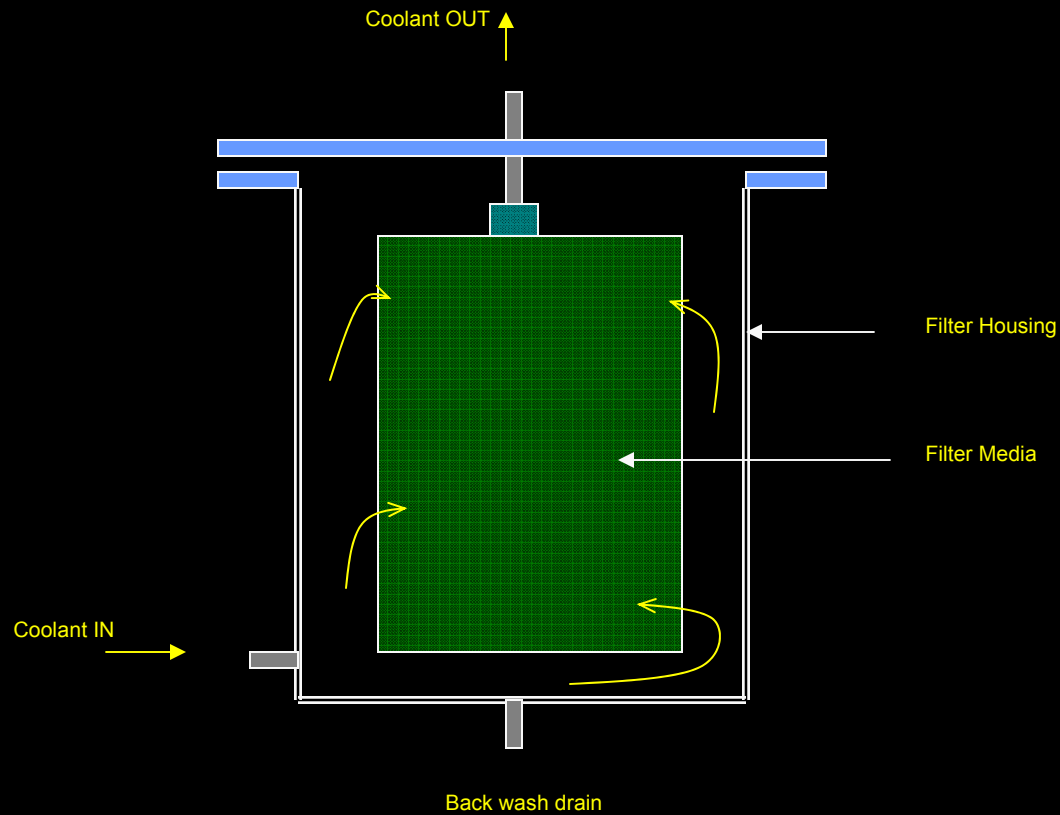
- Cylinder and Flanges made from SS304 or SS316 Materials
- Flanges machined with o-ring seal facility for leak proof working.
- Provision for backwash using three way valve arrangement and drain.
- Quick release top cover provision available in addition to regular bolt and nut arrangement.

## Filter bag assembly inside housing:



- Filter media wound around the central SS basket
- Basket has provisions for removal from the housing
- Basket flange has holes used for bolting it inside the housing
- Sealed using Rubber gasket for efficient filtration

# Flow through Filter bag illustration:



## System Options:

- Stand alone bag filter can be added to your pump delivery line.
- Filtration system with level control switch operation

## Automation Options:

- Solenoid control valves for flow control.
- Pneumatically operated valves for flow control
- Conventional Ball valves two and three way types.
- PLC controlled automatic operation
- Pressure switch control operations.

# Bag filter:





# Our Customers in India:

- M/s Bharat Earth Movers Ltd, Kolar Gold Fields
- M/s Brakes India Ltd, Polambakkam, Near Melmaruvathur - **2 Systems**
- M/s GOETZE India Ltd, Bangalore (A Division of ESCORTS Ltd, Faridabad)
- M/s Hindustan Aeronautics Ltd , Aircraft Divn, Bangalore
- M/s Lucas TVS Ltd, Chennai – **2 Systems**
- M/s Rane (Madras) Ltd, Mysore
- M/s Spicer India Ltd, Dharwad (A Division of DANA Corporation, USA)
- M/s TRW Rane Steering Systems Ltd, Viralimalai, Trichy.
- M/s Wheels India Ltd, Chennai
- M/s Wipro Infrastructure Engineering Ltd, Bangalore.
- M/s Wipro Infrastructure Engineering Ltd, Hindupur.
- M/s Super Auto Forge Ltd, Chennai.
- M/s Tractor and Farm Equipments Ltd (TAFE), Chennai.
- M/s Dynamatic Technologies Pvt Ltd, Bangalore
- M/s Ransar Industries Pvt Ltd, Coimbatore
- M/s Maini Precision Components Pvt Ltd, Bangalore
- M/s Steer Engineers Pvt Ltd, Bangalore
- M/s Unitech Engineering, Rajkot
- M/s Process engineers, Pune
- M/s IM Gears Pvt Ltd, Chennai

# Our Customers in India:

- M/s L & T Komatsu Ltd, Bangalore
- M/s Tyco Sanmar Ltd, Viralimalai, Trichy

# Our Customers:

Application: Solids removal from Effluent/ Water

- M/s Saint Gobain Glass India Ltd, Chennai.
- M/s Vimal Chrometech, Mumbai.
- M/s Vidhya Vikaas School, Tiruchengode
- M/s Bharat Sanchar Nigam limited, Coonoor

## Benefits:

- One time investment on bag filters and filter media

Thank You

For Queries, Please contact:

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