FILTER INNOVATIONS INC.

SELF INDEXING FILTERS

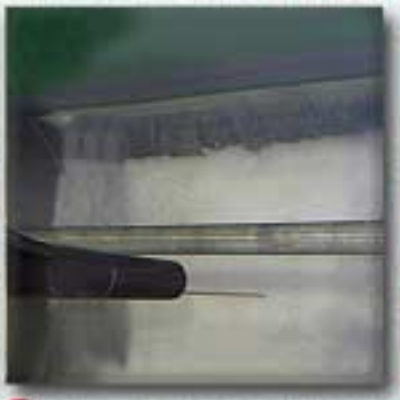


AUTOMATIC SOLIDS REMOVAL FROM LIQUIDS

FEATURES



- COMPACT SIZE SEALED WHEELS



- INLET DISTRIBUTOR FOR EVEN FLOW DISTRIBUTION



- AUTOMATIC OPERATION



- VARIABLE MICRON RATED MEDIAS

OPTIONS

- COVER
- SPENT MEDIA WINDUP

ALL STAINLESS STEEL CONSTRUCTION OR TO SUPPLIED SPECIFICATIONS

- CUSTOM DESIGNED TO SUIT APPLICATION

SELF INDEXING FILTRATION SYSTEM

This media filter is a fully automatic system that ensures efficient cleaning of any process fluid. It optimizes the amount of media used at the same time. The solids are discharged as a cake for easy handling and disposal.

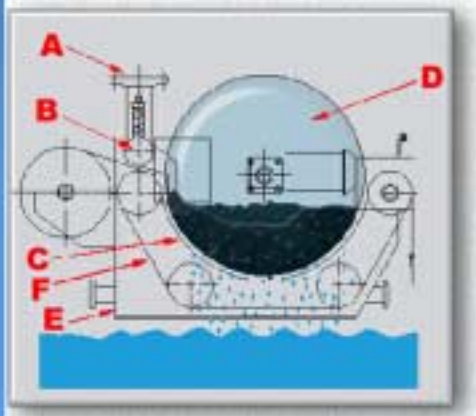
The innovative compact design of this media filter allows for easy integration into any new or existing fluid handliing system.

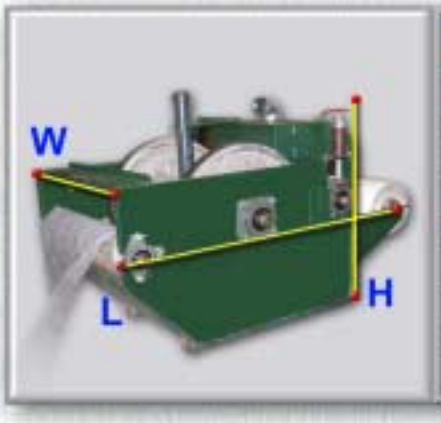
OPERATING PRINCIPLES

A motor driven metal conveyor (F) is used to carry filter media (C) and to form a trough between two wheel discs (D). The liquid to be filtered is pumped or gravity fed into inlet (A).

It is then distributed to the headbox (B) which slows the velocity and discharges the liquid over the entire width of the filter media (C). The liquid passes through the filter media, leaving the solids on the filter media.

The clean liquid is collected in the tank (E) or discharged into an open system. As the solids are collected on the filter media, the liquid level rises to a preset level. A level sensor initiates an index cycle and fresh media is indexed displacing a portion of the spent media. The spent media is discharged to waste.





MODEL	L	H	W	FLOW (USGPM)
MMF 18-18	30	28	43.25	71
MMF 27-27	40	34.25	52.75	146
MMF 27-39	52	34.25	52.75	212
MMF 27-51	64	34.25	52.75	275
MMF 27-60	73	34.25	52.75	350
MMF 39-39	52	41.75	65.75	300
MMF 39-51	64	41.75	65.75	400
MMF 39-60	73	41.75	65.75	500
MMF 39-70	83	41.74	65.75	600

DIMENSIONS ARE IN INCHES

SPECIFICATIONS

Epoxy coated carbon steel construction
Stainless steel conveyor belt
c/w Neoprene seals
Aluminum wheels

TYPICAL APPLICATIONS

Machine Tool Coolants
Cooling Tower Water
Parts Washing Chemicals
Spray Booth Effluent
Green House Drainage Water
Quenching Oils
Backwash from Self-cleaning Filters
Phosphating Solutions
Rolling Oils
Scrubbers
Recirculating Process/Cooling Water

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