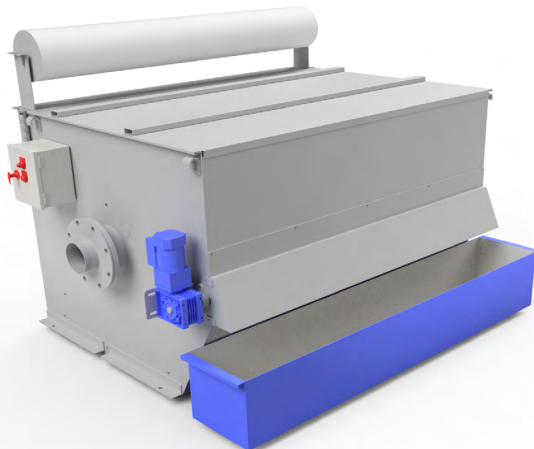


PRAB DRUM-TYPE PAPER FILTERS

PROVEN TO IMPROVE SURFACE FINISH BY AN AVERAGE OF 27%

Small-Footprint Solution for Solids Filtration

PRAB Drum-Type Filters occupy one-third of the floor space of a traditional paper bed filter, saving valuable work space in your facility. Filtered fluid can be reused, lowering your operational costs.



Increased average tool life from properly filtered fluid, specifically as much as:

- 209% for drills
- 78% for turning tools
- 66% for form tools
- 47% for boring tools
- 26% for reamers

Drum-Type Paper Filter

Top Features & Benefits:

- Can be used for both ferrous and non-ferrous metals
- Disposable paper filter media is available in a variety of grades to meet your specific requirements
- Filter media surface is automatically indexed only when needed
- Automatic self-cleaning and self-monitoring system
- Longer coolant life
- Removal of particulate down to 25 micron level
- Prolongs tool life
- Improves surface finish of the component part
- Units are available with flow rates up to 525 GPM

Backed by the **PRAB Difference**



PRAB DRUM-TYPE PAPER FILTERS

SIGNIFICANTLY LOWER YOUR OPERATIONAL COSTS

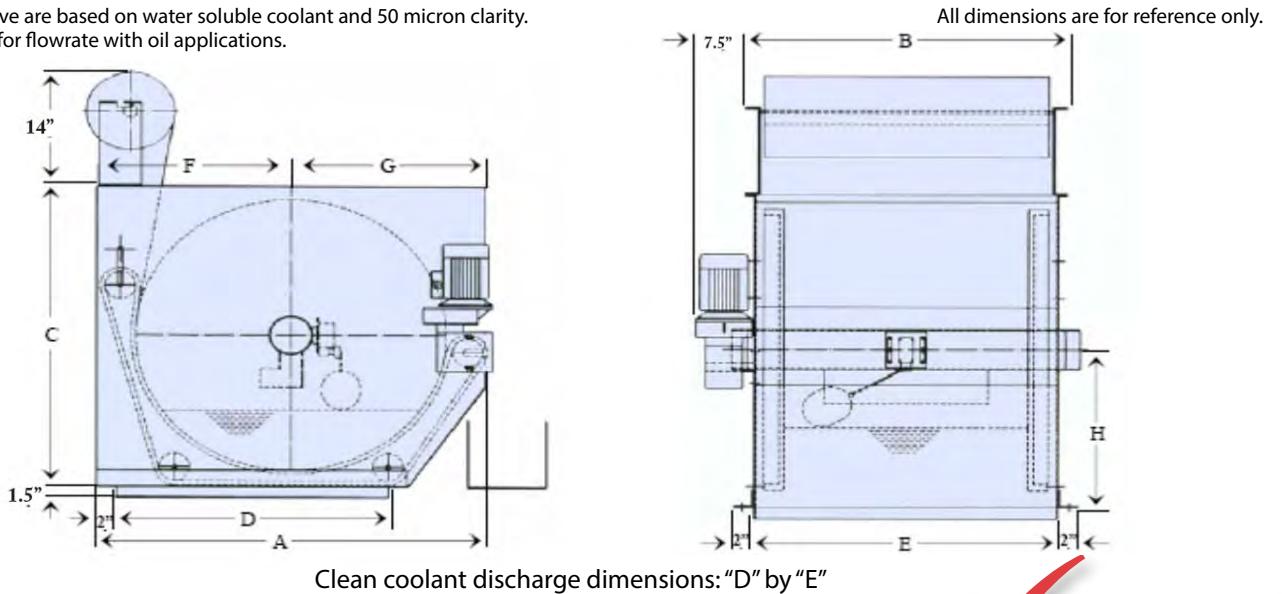
Operation:

The coolant is pumped from the machining center or grinder to the center of the drum via a distribution trough. The drum is lined with a non-woven filter media. The liquid then flows through the media, removing particles in suspension, and discharges through the bottom of the unit into a sump or tank. As the media blinds off and the coolant level rises to a predetermined level in the drum, a sensor activates the media advance mechanism, rotating the drum and exposing new media.

Model	Flow Rate* (Water)	Drum Diameter	Paper Width	A	B	C	D	E	F	G	H	Motor HP	Inlet
DF-140	35 GPM	22"	19.5"	30"	23"	25"	23"	21"	15"	15"	13"	1/3	3"
DF-200	50 GPM	22"	28"	30"	31"	25"	23"	30"	15"	15"	13"	1/3	3"
DF-360	95 GPM	31.5"	28"	40"	31"	35"	28"	29"	20"	20"	18"	1/3	4"
DF-500	130 GPM	31.5"	39"	40"	43"	35"	28"	41"	20"	20"	18"	1/3	4"
DF-1000	260 GPM	39"	39"	42"	43"	43"	35"	41"	23"	23"	22"	1/3	8"
DF-1500	390 GPM	39"	59"	42"	62"	43"	35"	61"	23"	23"	22"	1/3	8"
DF-1510	340 GPM	59"	39"	68"	43"	63"	55"	41"	34"	34"	34"	1.5	8"
DF-1515	525 GPM	59"	59"	68"	62"	63"	55"	61"	34"	34"	34"	1.5	8"
DF-1520	710 GPM	59"	78"	68"	82"	63"	55"	80"	34"	34"	34"	1.5	8"

*Flow rates above are based on water soluble coolant and 50 micron clarity.

*Contact PRAB for flowrate with oil applications.



Applications:

- All grinding applications
- General machining
- Honing and gear cutting
- Lathe operations
- Parts washers
- Phosphatizing baths
- Tube and rolling mills
- Waste treatment
- Wire drawing



A true performance guarantee ensuring your PRAB equipment achieves the specific results it was designed and manufactured to deliver. And if you need technical support, call us. We are available 24/7.

Contact us to **request a quote** today

5801 East N Avenue, Kalamazoo, MI 49048

Phone: 1-800-968-7722 | Email: sales@prab.com | Website: prab.com

1021-20230530

