

Paper Bed Filters Provide Cost Effective Solutions for Solids Filtration With or Without Magnetic Separation

PRAB offers a complete line of paper bed filters that provide long term solutions for solids filtration. Filtered fluid can be reused or recycled, lowering your operational costs.

Features and Benefits to the Customer:

- 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 surface is automatically indexed only when needed
- Automatic self-cleaning and self-monitoring system
- Longer coolant life
- Removal of particulate down to 10 micron level
- Prolongs tool life
- Improves surface finish of the component part
- Units are available with flow rates up to 130 gpm

Applications:

- All Grinding Applications
- General Machining
- Honing & Gear Cutting
- Lathe Operations
- Parts Washers
- Phosphatizing Baths
- Tube and Rolling Mills
- Waste Treatment
- Wire Drawing



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Magnetic Paper Bed Filter



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.

PRAB
Fluid Filtration

FLUID FILTRATION

Paper Bed Filters

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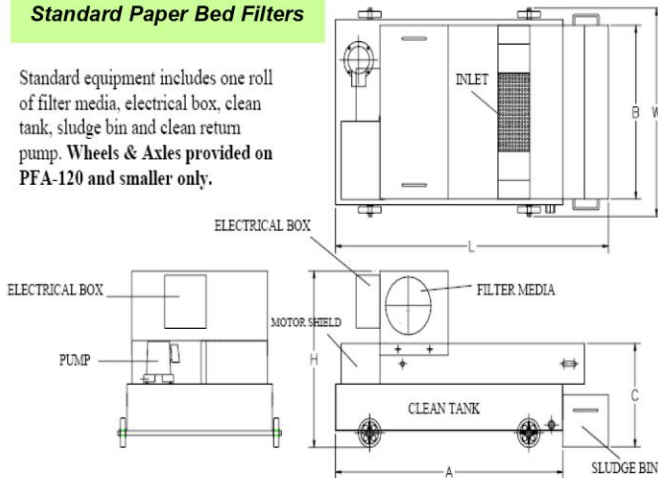
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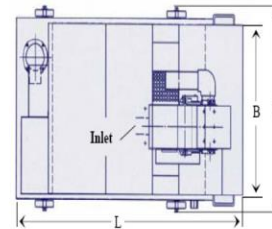
Model	Flow Rate	Tank Capacity	L	A	B	C	W	H	Pump HP	Paper Motor HP	Paper width
PFA-20	5 gpm	20 gal	41"	34"	24"	14"	28"	24"	1/8	1/16	19.5"
PFA-40	10 gpm	30 gal	47"	39"	24"	16"	28"	26"	1/8	1/16	19.5"
PFA-60	15 gpm	35 gal	53"	45"	24"	16"	28"	26"	1/8	1/16	19.5"
PFA-80	20 gpm	40 gal	59"	51"	24"	16"	28"	26"	1/4	1/16	19.5"
PFA-120	30 gpm	55 gal	59"	51"	32"	16"	36"	30"	1/2	1/10	28"
PFA-160	40 gpm	90 gal	74"	66"	34"	16"	44"	30"	1/2	1/10	28"
PFA-240	60 gpm	115 gal	61"	53"	42"	17"	53"	30"	1	1/10	39"
PFA-360	95 gpm	170 gal	85"	77"	42"	17"	53"	30"	1	1/10	39"
PFA-500	130 gpm	220 gal	128"	116"	42"	17"	53"	30"	2	1/4	39"

Standard Paper Bed Filters

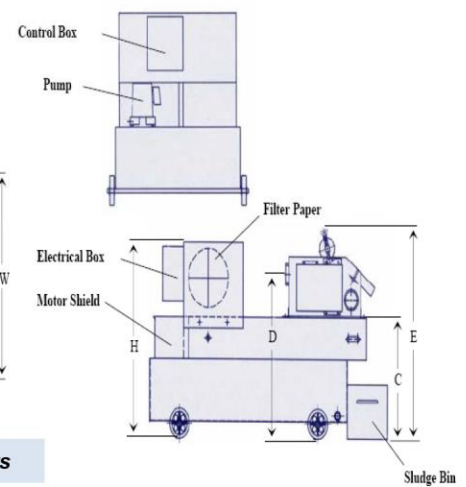
- Standard equipment includes one roll of filter media, electrical box, clean tank, sludge bin and clean return pump. Wheels & Axles provided on PFA-120 and smaller only.



- Standard equipment includes one roll of filter media, electrical box, clean tank, sludge bin and clean return pump. Wheels and Axles provided on MPFA-120 and smaller only



Magnetic Paper Bed Filters



Model	Flow Rate	Tank Capacity	L	A	B	C	D	E	F	H	W	Pump HP	Paper Motor HP	Paper width
MPFA-20	5 gpm	20 gal	41"	33"	23"	14"	19"	26"	1-1/2"	24"	28"	1/8	1/16	19.5"
MPFA-40	10 gpm	30 gal	47"	39"	23"	16"	21"	28"	2"	26"	28"	1/8	1/16	19.5"
MPFA-60	15 gpm	35 gal	53"	45"	23"	16"	22"	28"	2"	26"	28"	1/8	1/16	19.5"
MPFA-80	20 gpm	40 gal	59"	51"	23"	16"	22"	28"	2"	26"	28"	1/4	1/16	19.5"
MPFA-120	30 gpm	55 gal	59"	51"	31"	16"	23"	29"	2-1/2"	29"	36"	1/2	1/10	28"
MPFA-160	40 gpm	90 gal	71"	63"	31"	16"	24"	29"	3"	29"	36"	1/2	1/10	28"
MPFA-240	60 gpm	115 gal	61"	53"	42"	17"	25"	36"	3"	29"	52"	1	1/10	39"
MPFA-360	95 gpm	170 gal	85"	77"	42"	17"	25"	36"	4"	29"	52"	1	1/10	39"
MPFA-500	130 gpm	220 gal	128"	116"	42"	17"	25"	36"	6"	30"	53"	2	1/4	39"



Get a **FREE MATERIAL & SYSTEM ANALYSIS!**

PRAB
Fluid Filtration

Small Foot-Print Solution for Solids Filtration

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

Features and Benefits to the Customer:

- 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 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 500 gpm



Drum-Type Filter Unit

Applications:

- All Grinding Applications
- General Machining
- Honing & Gear Cutting
- Lathe Operations
- Parts Washers
- Phosphatizing Baths
- *Drum-Type Filter Unit*
- Tube and Rolling Mills
- Waste Treatment
- Wire Drawing

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Operation:

The coolant flows from the machine into the center of the drum, which is lined with a non-woven filter fabric. The liquid then flows through the filter removing any particles in suspension. When the filter is clogged and the coolant level rises to a predetermined level in the drum, a sensor activates the filter feed, rotating the drum and exposing a new area of filter.

Model	Flow Rate	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	400 gpm	39"	59"	42"	62"	43"	35"	61"	23"	23"	22"	1/3	8"
DF-2000	500 gpm	39"	78"	42"	82"	43"	35"	80"	23"	23"	22"	1/3	8"

All dimensions for reference only.

