



MFDB SERIES MAG DRIVE FILTER SYSTEM



MFDB-7200B-P-E-C-3

FEATURES:

- Flows to 3,600 gph (14 m³/h)
- Chambers available with larger port sizes to accommodate higher flow rates
- Chamber material: CPVC, polypropylene, PVDF, Pro 150 copolymer polypropylene
- Pump material: polypropylene, PVDF
- No metal contact with solution

RECOMMENDED APPLICATION:

- Plating solutions
- Acid and alkaline solutions
- Metal and surface finishing
- Chemical processing



MFSP-400BL-E-3

The MFDB series filtration system is meticulously designed to maintain and improve chemical uniformity and solution clarity in industrial processes:

- Remove unwanted solids
- Solids/liquid separation
- Solution movement and tank turnovers
- Pre-filtration
- Flow filtration



Filter Pump a Division of Finish Thompson Inc.

MODEL MFDB

SERIES MFDB FILTER SYSTEMS							
Pump Polypro (B) / Chamber CPVC (A)							
FILTER SYSTEM MODEL	PUMP MODEL	FTI # GENERIC	CHAMBER MODEL	PUMP PORT SIZE Inch (MM)	CHAMBER PORT SIZE Inch (MM)	FLOW RATE RANGE	
						GPH	LPH
MFDB-60B-A-E/V-1	MTD-1/8B-E/V-1	DB3P-E/V-M612	3C-6A-E/V	1.0" (25 mm)	0.75" (19mm)	60-150	233-581
MFDB-60B-A-E/V-2	MTD-1/8B-E/V-2	DB3P-E/V-M614	3C-6A-E/V	1.0" (25 mm)	0.75" (19mm)	60-150	233-581
MFDB-100B-A-E/V-1	MTD-1/8B-E/V-1	DB3P-E/V-M612	3C-1A-E/V	1.0" (25 mm)	0.75" (19mm)	100-240	379-908
MFDB-100B-A-E/V-2	MTD-1/8B-E/V-2	DB3P-E/V-M614	3C-1A-E/V	1.0" (25 mm)	0.75" (19mm)	100-240	379-908
MFDB-200B-A-E/V-1	MTD-1/4B-E/V-1	DB5P-E/V-M613	3C-2A-E/V	1.0" (25 mm)	0.75" (19mm)	200-480	757-1817
MFDB-200B-A-E/V-2	MTD-1/4B-E/V-2	DB5P-E/V-M615	3C-2A-E/V	1.0" (25 mm)	0.75" (19mm)	200-480	757-1817
MFDB-300LB-A-E/V-1	MTD-1/4B-E/V-1	DB5P-E/V-M613	3C-3A-E/V	1.0" (25 mm)	0.75" (19mm)	300-700	1136-2650
MFDB-300LB-A-E/V-2	MTD-1/4B-E/V-2	DB5P-E/V-M615	3C-3A-E/V	1.0" (25 mm)	0.75" (19mm)	300-700	1136-2650
MFDB-300B-A-E/V-1	MTD-1/3B-E/V-1	DB5.5P-E/V-M616	6C-3A-E/V	1.0" (25 mm)	1.0" (25 mm)	300-720	1136-2725
MFDB-300B-A-E/V-2	MTD-1/3B-E/V-2	DB5.5P-E/V-M617	6C-3A-E/V	1.0" (25 mm)	1.0" (25 mm)	300-720	1136-2725
MFDB-400LB-A-E/V-1	MTD-1/3B-E/V-1	DB5.5P-E/V-M616	4C-3A-E/V	1.0" (25 mm)	1.0" (25 mm)	400-720	1514-2725
MFDB-400LB-A-E/V-2	MTD-1/3B-E/V-2	DB5.5P-E/V-M617	4C-3A-E/V	1.0" (25 mm)	1.0" (25 mm)	400-720	1514-2725
MFDB-500B-A-E/V-1	MTD-1/2B-E/V-3.63-1	DB6HP-E/V-2-74-M616	8C-5A-E/V	1.0" (25 mm)	1.0" (25 mm)	500-1200	1893-4542
MFDB-500B-A-E/V-2	MTD-1/2B-E/V-3.63-2	DB6HP-E/V-2-74-M617	8C-5A-E/V	1.0" (25 mm)	1.0" (25 mm)	500-1200	1893-4542
MFDB-500B-A-E/V-3	MTD-1/2B-E/V-3.63-3	DB6HP-E/V-2-M227	8C-5A-E/V	1.0" (25 mm)	1.0" (25 mm)	500-1200	1893-4542
MFDB-600B-A-E/V-1	MTD-1/2B-E/V-3.63-1	DB6HP-E/V-2-74-M616	6C-6A-E/V	1.0" (25 mm)	1.0" (25 mm)	600-1440	2271-5450
MFDB-600B-A-E/V-2	MTD-1/2B-E/V-3.63-2	DB6HP-E/V-2-74-M617	6C-6A-E/V	1.0" (25 mm)	1.0" (25 mm)	600-1440	2271-5450
MFDB-600B-A-E/V-3	MTD-1/2B-E/V-3.63-3	DB6HP-E/V-2-M227	6C-6A-E/V	1.0" (25 mm)	1.0" (25 mm)	600-1440	2271-5450
MFDB-900B-A-E/V-1	MTD-3/4B-E/V-3.63-1	DB8P-E/V-M204	6C-9A-E/V	1.0" (25 mm)	1.0" (25 mm)	900-2160	3407-8176
MFDB-900B-A-E/V-3	MTD-3/4B-E/V-3.63-3	DB8P-E/V-M205	6C-9A-E/V	1.0" (25 mm)	1.0" (25 mm)	900-2160	3407-8176
MFDB-1100B-A-E/V-1	MTD-1B-E/V-3.75-1	DB10P-E/V-M218	6C-12A-E/V-1.5	1.5" (38 mm)	1.5" (38 mm)	1100-2880	4164-10,901
MFDB-1100B-A-E/V-3	MTD-1B-E/V-3.75-3	DB10P-E/V-M219	6C-12A-E/V-1.5	1.5" (38 mm)	1.5" (38 mm)	1100-2880	4164-10,901
MFDB-1000B-A-E/V-1	MTD-1B-E/V-3.75-1	DB10P-E/V-M218	8C-10A-E/V	1.5" (38 mm)	1.5" (38 mm)	1000-2700	3785-10,220
MFDB-1000B-A-E/V-3	MTD-1B-E/V-3.75-3	DB10P-E/V-M219	8C-10A-E/V	1.5" (38 mm)	1.5" (38 mm)	1000-2700	3785-10,220
MFDB-1500B-A-E/V-1	MTD-1B-E/V-3.75-1	DB10P-E/V-M218	8C-15A-E/V	1.5" (38 mm)	1.5" (38 mm)	1500-3600	5678-13,626
MFDB-1500B-A-E/V-3	MTD-1B-E/V-3.75-3	DB10P-E/V-M219	8C-15A-E/V	1.5" (38 mm)	1.5" (38 mm)	1500-3600	5678-13,626
MFDB-2000B-A-E/V-1	MTD-1 1/2B-E/V-4.18-1	DB10P-E/V-10P-5-M206	8C-20A-E/V	1.5" (38 mm)	1.5" (38 mm)	2000-4800	7570-18,168
MFDB-2000B-A-E/V-3	MTD-1 1/2B-E/V-4.18-3	DB10P-E/V-10P-5-M207	8C-20A-E/V	1.5" (38 mm)	1.5" (38 mm)	2000-4800	7570-18,168
MFDB-1200B-A-E/V-1	MTD-1B-E/V-3.75-1	DB10P-E/V-M218	12C-12A-E/V	1.5" (38 mm)	1.5" (38 mm)	1200-2900	4542-10,977
MFDB-1200B-A-E/V-3	MTD-1B-E/V-3.75-3	DB10P-E/V-M219	12C-12A-E/V	1.5" (38 mm)	1.5" (38 mm)	1200-2900	4542-10,977
MFDB-2400B-A-E/V-3	MTD-2B-E/V-4.63-3	DB11P-E/V-M215	12C-24A-E/V	1.5" (38 mm)	1.5" (38 mm)	2400-5800	9084-21,953
MFDB-3600B-A-E/V-3	MTD-3B-E/V-5.00-3	DB15P-E/V-2-M209	12C-36A-E/V-2"	2.0" (50 mm)	2.0" (50 mm)	3600-7200	13,626-27,252
MFDB-4800B-A-E/V-3	MTD-5B-E/V-5.50-3	DB15P-E/V-7-10P-18-M213	12C-48A-E/V-2"	2.0" (50 mm)	2.0" (50 mm)	4800-9600	18,168-36,336

NOTES:

1. Chambers available with larger port sizes to accomadate higher flow rates.
2. Chamber material: CPVC, polypropylene, PVDF, Pro 150 copolymer polypro
3. Pump material: polypropylene, PVDF

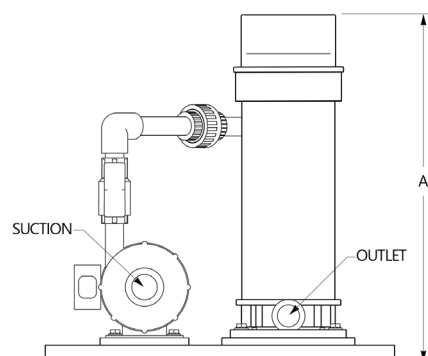
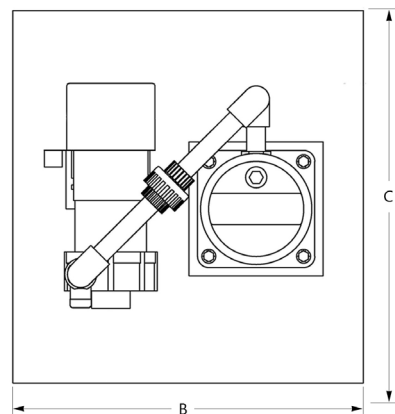
MODEL MFDB

MODEL MF Pump & Chamber Dimensions

Dimensions -Inches (CM)			
Filter System Model	Dimensions Pump & Chamber		
	A	B	C
MFDB-60	18" (45.7)	10" (25.4)	14" (35.6)
MFDB-100	21" (53.3)	10" (25.4)	14" (35.6)
MFDB-200	31" (78.7)	10" (25.4)	14" (35.6)
MFDB-300L	41" (104.1)	10" (25.4)	14" (35.6)
MFDB-400LB	41" (104.1)	10" (25.4)	14" (35.6)
MFDB-300	28" (71.1)	18" (45.7)	21" (53.3)
MFDB-500	28" (71.1)	19" (48.3)	21" (53.3)
MFDB-600	38" (96.5)	18" (45.7)	21" (53.3)
MFDB-900	48" (121.9)	18" (45.7)	21" (53.3)
MFDB-1000	38" (96.5)	19" (48.3)	21" (53.3)
MFDB-1200	28" (71.1)	28" (71.1)	24" (61)
MFDB-1500	48" (121.9)	19" (48.3)	21" (53.3)
MFDB-2400	38" (96.5)	28" (71.1)	24" (61)
MFDB-3600	48" (121.9)	28" (71.1)	48" (121.9)

MODEL MF Pump & Chamber Dimensions DUAL CHAMBER, PARALLEL

Dimensions -Inches (CM)			
Filter System Model	Dimensions Pump & Chamber		
	A	B	C
MFDB-1800	48" (121.9)	20" (50.8)	33" (83.8)
MFDB-2000	38" (96.5)	20" (50.8)	35" (88.9)
MFDB-3000	48" (121.9)	20" (50.8)	35" (88.9)
MFDB-4800	48" (121.9)	28" (71.1)	48" (121.9)
MFDB-7200	48" (121.9)	28" (71.1)	48" (121.9)



NOMENCLATURE

MFDB	3600	BC	A	V	C	SS	3
Model	Minimum Flow Rate, GPH	Pump & Impeller Bushing Materials	Chamber Materials	Elastomer(s)	Options	Motor Enclosure	Electrical
MFDB	60 100 200 300 400 500 600 900 1000 1200 1500 2400 3000 3600 4800 7200	BC=Reinforced polypropylene, carbon bushing BT=Reinforced polypropylene, PTFE bushing BSiC=Reinforced polypropylene, SiC bushing CC=Reinforced PVDF, carbon bushing CT=Reinforced PVDF, PTFE bushing CSiC=Reinforced PVDF SiC bushing	A=CPVC B=Natural Polypropylene PRO=PRO 150 Copolymer Polypro C=Natural PVDF	E=EPR V=FKM	C=Casters F=Flanges MS=Motor Starter (unwired) PM=Power Monitor (unwired) VFD=Variable (unwired)	Blank=TEFC WD=Wash Down SEV=Severe Duty SS=Stainless Steel EXP=Explosion Proof Division, Class, Group	1=115/230/1/60 1A=115/1/60-50 2=115/230/1/60-50 2A=230/1/60-50 3=230/460/3/60-50 3A=230/460/3/60



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