

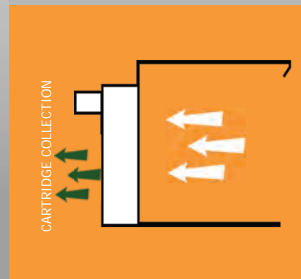
POWDER COLLECTOR MODULE

Cartridge Filter Collection 4000-10000 CFM



FEATURES

- 14-12 gauge powder coated housing
- Safe quiet operation < 83db @ 5'
- Industrial UL listed control panel with blower VFDs (standard)
- Reclaim drawer (standard), fluidized reclaim hopper (optional)
- 99.9% efficient 80/20 Nano-Fiber Filters
- Automatic Back Pulse Cleaning
- Redundant Second Stage Filters
- Pre-wired control panel



BATCH POWDER MODULE

- Adjustable Velocity
- Horizontal Airflow
- High Production
- Extended Filter Life
- Effective Containment

Engineered Quality

Modules are constructed with heavy gauge steel, CNC punched and formed for factory nut and bolt assembly. Each component is powder coated prior to assembly. All seams are double sealed with urethane sealant for a dust tight seal.

High quality aluminum 12 blade airfoil wheels provide maximum efficiency and low sound. Blowers are powered by a premium efficiency TEFC 3-phase motor.



NEMA 12 Dust Tight Industrial Control Panel. (pre-mounted)



Collector with Fluidized Bed and Box Feed Chute (optional)

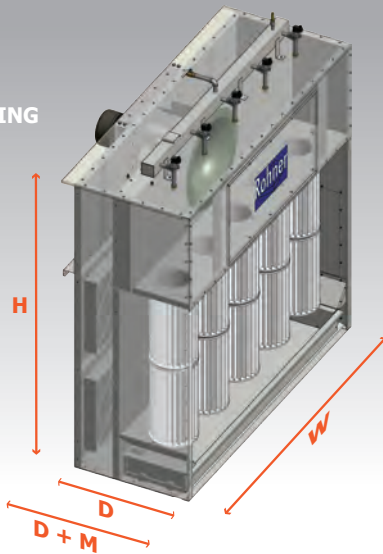
COLLECTOR MODULE SPECIFICATIONS

COLLECTOR DESIGN	STD.	OPT.	COLLECTOR DESIGN	STD.	OPT.
14 gauge housing with 12 gauge structural reinforcement powder coated prior to assembly	✓		4" MERV 14 final filters with continuous monitor and auto shutdown	✓	
Double urethane sealed factory assembled seams	✓		12" HEPA final filters		✓
Direct drive aluminum airfoil, spark resistant blower	✓		UL 508 listed NEMA 12 panel: VFD variable volume, automatic back pulse timer board & lighting contactor (pre-wired)	✓	
TEFC 3-phase, 60hz high efficiency motors	✓		¾" Quick acting 24 VDC back pulse solenoids, 90 PSIG Manifold with safety valve	✓	
Roll-out collection drawers	✓		Panel mounted Magnehelic *	✓	
80/20 Nano-fiber 99.9% @ 10 micron efficient cartridge filter	✓		Fluidized recovery hopper, powder dispensing box chute and transfer pump port		✓
Dual dimple pleated spunbond, 99.9% @ 10 micron efficient cartridge filter		✓	Hinge mounted louvered filter protection panel		✓

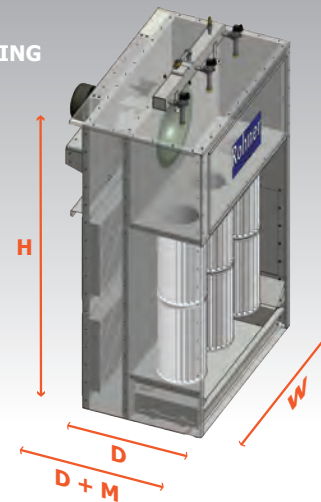
* Magnehelic is a registered trademark of Dwyer Instruments, Inc.

COLLECTOR MODULE DIAGRAM

CM10 HOUSING



CM6 HOUSING



CM SERIES MODULES	W	H	D	D + M	CFM	SP (in WC)	Primary Filters	Air:Cloth* Ratio	Final Filters	Motor HP	Compressed Air** (SCFM @ 90PSI)
CM6 HOUSING											
CM4000	5'-0"	8'-0"	3'-0"	4'-3"	4000	3.25	6	2.6:1	4	5	12
CMHS4000	5'-0"	8'-0"	3'-0"	4'-3"	4000	5	6	2.6:1	4	7.5	12
CM5000	5'-0"	8'-0"	3'-0"	4'-3"	5000	3.25	6	3.3:1	4	5	12
CMHS5000	5'-0"	8'-0"	3'-0"	4'-3"	5000	5	6	3.1:1	4	7.5	12
CM6000	5'-0"	8'-0"	3'-0"	4'-3"	6000	4	6	3.9:1	4	7.5	12
CMHS6000	5'-0"	8'-0"	3'-0"	4'-5"	6000	5	6	3.9:1	4	10	12
FRH-6	-	-	-	-	-	-	-	-	-	-	35
LFPP-6	-	-	-	-	-	-	-	-	-	-	-
CM10 HOUSING											
CM7000	8'-0"	8'-0"	3'-0"	4'-5"	7000	4	10	2.8:1	6	10	20
CMHS7000	8'-0"	8'-0"	3'-0"	4'-5"	7000	5	10	2.8:1	6	10	20
CM8000	8'-0"	8'-0"	3'-0"	4'-5"	8000	4	10	3.1:1	6	10	20
CMHS8000	8'-0"	8'-0"	3'-0"	4'-5"	8000	5	10	3.1:1	6	10	20
CM9000	8'-0"	8'-0"	3'-0"	4'-5"	9000	4	10	3.5:1	6	10	20
CMHS9000	8'-0"	8'-0"	3'-0"	4'-5"	9000	5	10	3.5:1	6	10	20
CM10000	8'-0"	8'-0"	3'-0"	4'-5"	10000	4	10	3.9:1	6	10	20
CMHS10000	8'-0"	8'-0"	3'-0"	4'-9"	10000	5	10	3.9:1	6	15	20
FRH-10	-	-	-	-	-	-	-	-	-	-	50
LFPP-10	-	-	-	-	-	-	-	-	-	-	-

* Standard 80/20 Nano-fiber filter ** Filtered and regulated: clean, oil free, and dry air required.
H - Height excludes 12" manifold

TABLE LEGEND

FRH = Fluidized Recovery Hopper

LFPP = Louvered Filter Protection Panel

CMHS = Upgraded static pressure performance to 5in WC, for highvolume applications. NOTE: HS units may exceed 83db. (sound estimate)



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