



STANDARD FEATURES

- 14-12 Gauge powder coated housing
- Safe quiet operation < 83db @ 5'
- Industrial UL listed control panel with blower VFDs (Standard)
- 150lb fluidized reclaim hopper
- 99.9% efficient 80/20 Nano-Fiber Filters
- Automatic Back Pulse Cleaning
- Redundant Second Stage Filters
- Pre-wired control panel

INDUSTRIES FOR POWDER RECOVERY COLLECTORS



Aerospace
& Defense



Manufacturing
& Industrial



Automotive

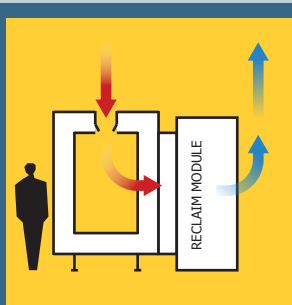


Heavy Equipment
& Fleet Refinish



Marine

Rohner Powder Reclaim Modules are compact, high-efficiency modules with standard capacities of 4,000 to 12,000 CFM. They are the recommended choice for conveyorized manual and auto application powder coating systems. Engineered to the highest industry standards, the high-static design of our powder reclaim module incorporates a high filter cloth-to-air ratio, constant digital transducer filter static monitoring, and automatic cycle start/stop back pulse filter cleaning. These factors result in reduction of blower HP and lower compressed air requirements which extends filter life and reduces energy consumption.



BOOTH AIRFLOW



PRE-MOUNTED AND
WIRED CONTROL PANEL



ROLLAWAY COLLECTOR
WITH FLUIDIZED BED AND
BOX FEED SHOOT

ENGINEERED QUALITY

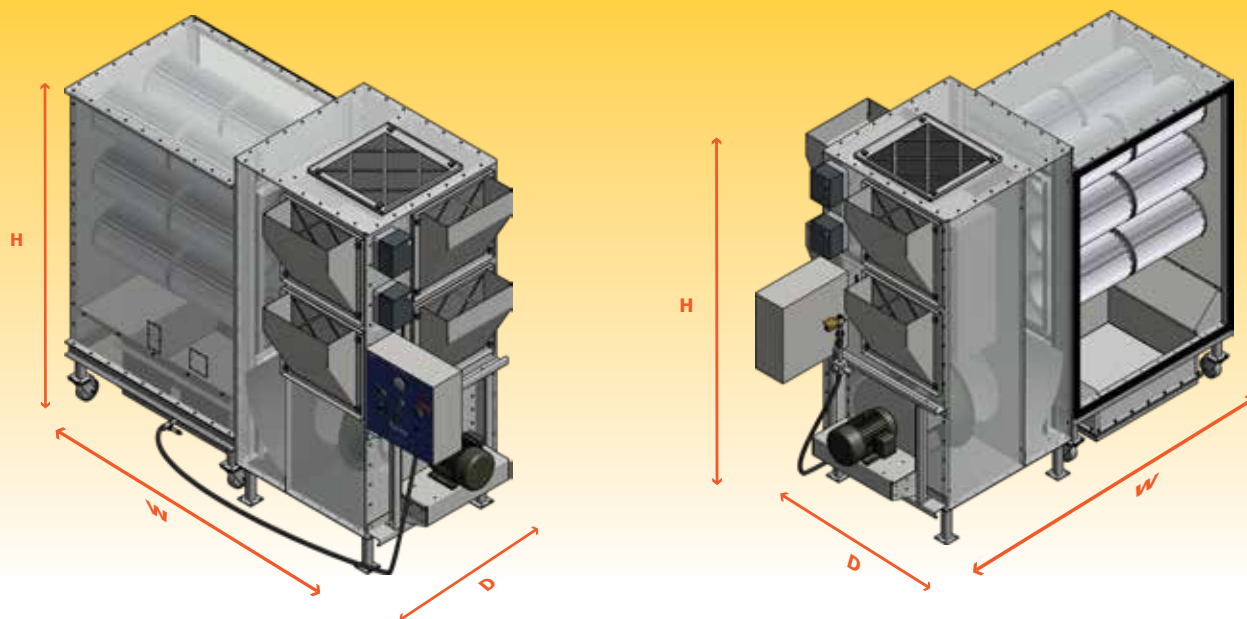
Collectors are constructed with heavy gauge steel, laser cut and formed for factory nut and bolt assembly. Each component is powder coated prior to assembly. All seams are double sealed with urethane sealant for a dust tight seal.

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

RECLAIM MODULE SPECIFICATIONS

MODULE DESIGN	STD.	OPT.	MODULE 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	✓		3/4" Quick acting 24 VDC back pulse solenoids, 90 PSI 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		✓	Additional rollaway collector for multi color process		✓

RECLAIM MODULE DIAGRAM



MODEL	W	H	D	CFM	SP (in WC)	Primary Filters	Air:Cloth* Ratio	Final Filters	Motor HP	Compressed Air** (SCFM @ 90PSI)
RM6 HOUSING										
RM4000	10'-7"	8'-7"	3'-8"	4000	5	8	2.6:1	4	7.5	16
RM5000	10'-7"	8'-7"	3'-8"	5000	5	8	3.3:1	4	7.5	16
RM6000	10'-7"	8'-7"	3'-8"	6000	5	8	3.9:1	4	10	16
RM9 HOUSING										
RM7000	11'-0"	8'-7"	4'-9"	7000	5	12	2.8:1	5	10	24
RM8000	11'-0"	8'-7"	4'-9"	8000	5	12	3.1:1	5	10	24
RM9000	11'-0"	8'-7"	4'-9"	9000	5	12	3.5:1	5	10	24
RM12 HOUSING										
RM10000	11'-0"	11'-3"	4'-9"	10000	5	16	3.9:1	6	15	32
RM11000	11'-0"	11'-3"	4'-9"	11000	5	16	2.7:1	6	15	32
RM12000	11'-0"	11'-3"	4'-9"	12000	5	16	2.95:1	6	15	32

*Standard 80/20 Nano-fiber filter **Filtered and regulated: clean, oil free, and dry air required.

Specifications and designs are subject to change, and substitutions without notice are at the manufacturer's sole discretion. Customer is responsible for determining the suitability of the equipment for its intended use. Additional equipment or modifications may be required to meet local building and process-specific regulatory codes and are the responsibility of the Customer.