



### STANDARD FEATURES

- Electro-galvanized steel powder coated for maximum corrosion resistance
- Factory mounted high efficiency direct drive blower
- Rohner automatic variable speed VFD motor control.
- 99.9% efficient abrasive resistant filters.
- Factory piped automatic back pulse with down time cleaning.
- Drum adapter kit with manual slide

### DUST COLLECTION

- Down-Flow Cartridge Collector
- Automatic Back Pulse Cleaning
- 12,000 CFM per module

### INDUSTRIES FOR DUST COLLECTION



Aerospace  
& Defense



Manufacturing  
& Industrial



Automotive



Transit Bus  
& Rail



Heavy Equipment  
& Fleet Refinish

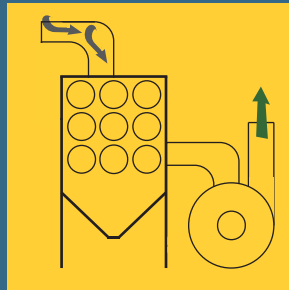


Marine

### PREMIUM COMPONENTS

Rohner Dust Collectors are not your average material air separator. Rohner collectors come with an exclusive air flow management system guaranteeing consistent safe airflow throughout the filter loading cycle.

Optional energy saving standby mode senses a pause in process and reduce the air volume, saving energy and increasing filter life.



DUST COLLECTION



NEMA 12 DUST TIGHT  
INDUSTRIAL CONTROL PANEL.  
(PRE-MOUNTED)



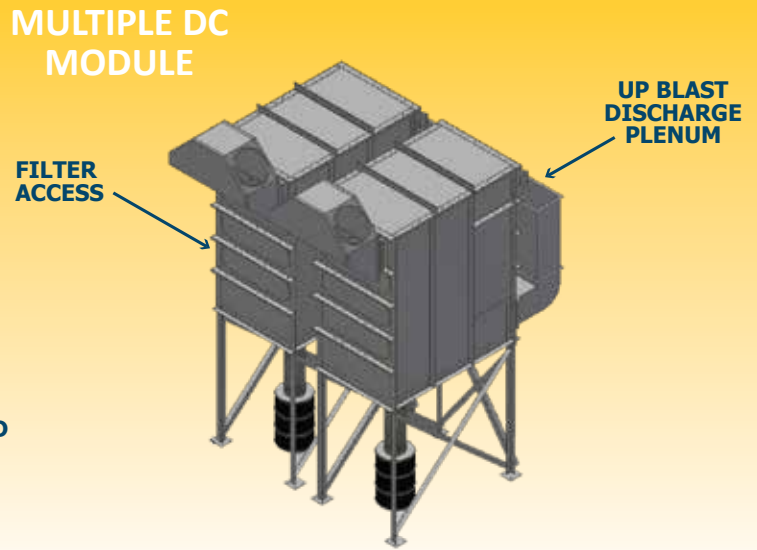
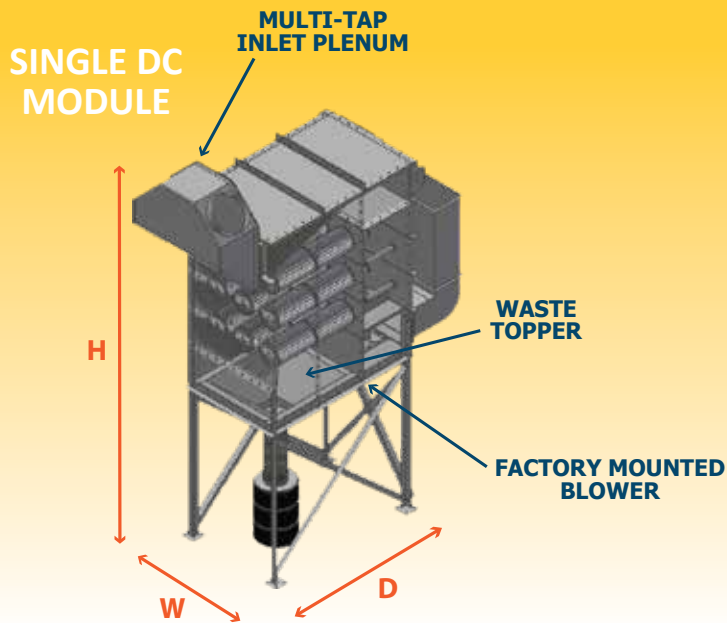
55 GALLON WASTE DRUM  
KIT STD.

# DUST COLLECTOR SPECIFICATIONS

COLLECTOR DESIGN	STD.	OPT.	COLLECTOR DESIGN	STD.	OPT.
12 gauge housing with structural reinforcement powder coated prior to assembly	✓		Integral media drop out box for blast applications		✓
Double urethane sealed factory assembled seams	✓		HEPA final filter plenum, with filters		✓
Direct drive aluminum airfoil, spark resistant blower	✓		UL 508 listed NEMA 12 panel: VFD variable volume, automatic and back pulse timer board. (pre-wired)	✓	
TEFC 3-phase, 60hz high efficiency motors	✓		Quick acting pneumatic back pulse solenoids, 90 PSIG Manifold with safety valve	✓	
55 gallon waste drum kit with manual slide gate	✓		Panel mounted Magnehelic*	✓	
VFD motor drive control	✓		Explosion vents, rotary air locks, spark detection and blow back damper for combustible dust applications		✓
Dual dimple spunbond, 99.9% @ 10 micron efficient cartridge filter		✓	Autosense energy saving mode with constant volume control and ultra cleaning mode.		✓

\*Magnehelic is a registered trademark of Dwyre Instruments, Inc.

## DUST COLLECTOR DIAGRAM



DC SERIES MODULES	W	H	D	CFM	SP (in WC)	Primary Filters	Air:Cloth* Ratio	# DC	Motor HP	Compressed Air** (SCFM @ 90PSI)
<b>DC120000 HOUSING</b>										
DC12000	5'-7"	19'-5"	14'-6"	12000	6"	18	2.6:1	1	20	18
DC24000	11'-2"	19'-5"	14'-6"	24000	6"	36	2.6:1	2	40	36
DC36000	16'-9"	19'-5"	14'-6"	36000	6"	54	2.6:1	3	60	54
DC48000	22'-4"	19'-5"	14'-6"	48000	6"	72	2.6:1	4	80	72
DC60000	27'-11"	19'-5"	14'-6"	60000	6"	90	2.6:1	5	100	90
DC72000	33'-6"	19'-5"	14'-6"	72000	6"	108	2.6:1	6	120	108
DC84000	39'-1"	19'-5"	14'-6"	84000	6"	126	2.6:1	7	140	126
DC96000	44'-8"	19'-5"	14'-6"	96000	6"	144	2.6:1	8	160	144
DC108000	50'-3"	19'-5"	14'-6"	108000	6"	162	2.6:1	9	180	162
DC120000	55'-10"	19'-5"	14'-6"	120000	6"	180	2.6:1	10	200	180

\*Standard 80/20 Nano-fiber filter \*\*Filtered and regulated: clean, oil free, and dry air required. H - Height includes inlet plenum

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.



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