B|FLUX

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LAGUNACLEANAIR.COM

THE MOST BEAUTIFUL SINGLE STAGE DUST COLLECTOR IN THE INDUSTRY

Sleek design and power to match. No more fumbling with a steel band to mount your lower bag -the B|FLUX comes with a patented Snap-Band that makes changing the bag a breeze.

Unlike most 1HP units the B|FLUX feels solid & has a low dB rating.

The horizontal dust plenum provides optimum airflow & can swivel 180° to make the 4" inlet face downwards.

SPECIFICATIONS

Part Number:	MDCBF1110C1M
Motor:	1HP, 110V, 1PH, 60Hz, 7 Amps
Recommended Breaker Size:	15 Amps
RPM:	3450
CFM Shop / Inlet:	550 / 650
Max Static Pressure (inches of water):	4.86"
Inlet Diameters:	4" Port
Impeller:	9" Steel Radial Fin
Drum Collection Plastic Bag:	350 x 980mmL
Canister Diameter:	14.2"
Canister Length:	11.8"
Filter Surface Area:	1.6m²/17.2 ft2
Canister Filter Type:	1 Micron
Filtration Efficiency:	0.2-2 micron @ 99.97%
MERV Rating:	12
Canister Cleaning:	Manual Crank
Decibel Reading:	76 dBA (@9.8ft)
Dimensions:	29" x 15" x 50"
Weight (Net/Ship):	71/77 Lbs.

Hand crank cleaning lever prevents clogging of the filter.

The B|FLUX comes standard with a 1 micron canister providing filtration of 99.97% of particles between 0.2 ~ 2 microns and features 17.2 square feet of polyester spun bond pleated filter to ensure maximum airflow.

MAX STATIC PRESSURE (inch/H2O)	MAX CFM	HP	VOLTS	Hz	IMPELLER	INLET
4.86	650	1	115	60	Φ9"	Φ4"

MAX RESTRICTOR PLATE (inch)	DIA. 4"	DIA. 3½"	DIA. 3"	DIA. 2"	DIA. 0"
MAX STATIC PRESSURE (inch/H2O)	3.21	4.14	4.8	4.9	4.86
CFM	550	507	362	143	0
VELOCITY	2.476	2.11	1.07	0.17	0

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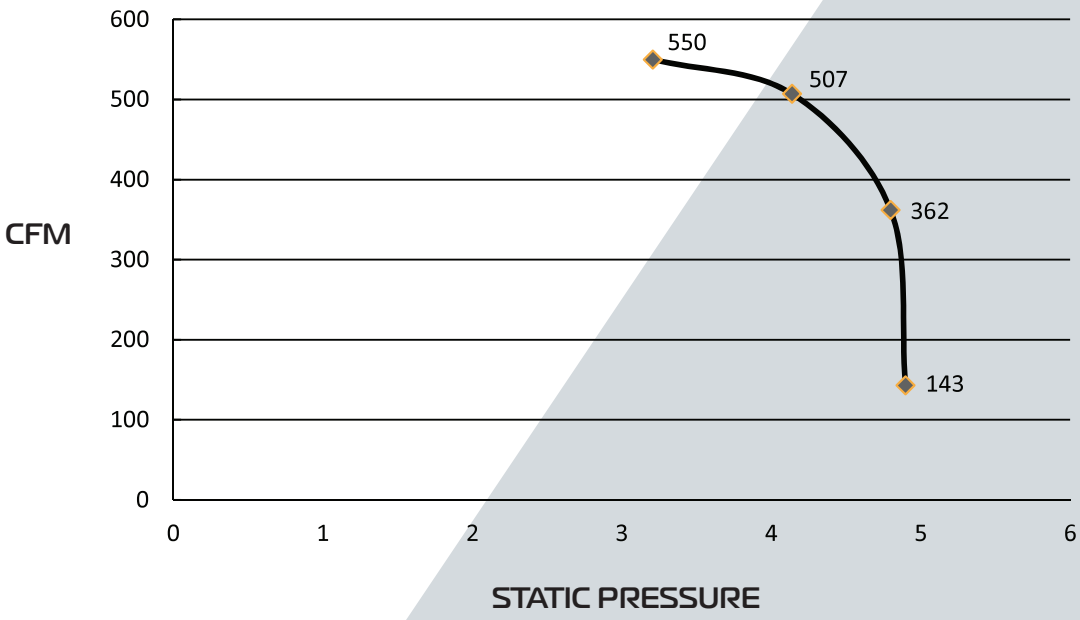
*PERFORMANCE CURVE



*HOW WE OBTAIN OUR READINGS

- Testing based on new, clean filter. Results will vary depending on use.
- The inlet on b|flux: is 4"
- A flex hose 16 X longer than inlet diameter is attached 4 x 16 = 64"
- Air pressure meter measures the velocity & static pressure is inserted into this hose at halfway point = 32"
- The Air Pressure Meter measures in Inches of Water
- The CFM is measured with 4" opening at end of hose, no restrictions, 32" from inlet
- The Max. Static pressure is measured when the restrictor plate at end of hose is closed (0) 32" from inlet
- Air pressure meter measures the velocity and static pressure in inches of water
- CFM is calculated in the following manner:
- Square root of Velocity in inches of water x cross sectional area of cyclonic inlet in square feet x 4005
- Calculate cross sectional area of cyclonic inlet in square feet:

  4"/12 = 0.3ft 0.3/2 = 0.166ft 0.166 x 0.166 x 3.1416 = 0.0866 ft²

  Formula: √2.476 inch of water x 0.0866 ft² x 4005 = 545CFM (website states 550CFM; this calculated value will slightly vary due to the rounded off values derived from the above formula)

B|FLUX ACCESSORIES

REUSABLE HEAVY DUTY PLASTIC DUST BAGS

Available in 20, 40 & 60 Gallon Bags

5-Pack

PDCBF-B28

REUSABLE HEAVY DUTY PLASTIC DUST BAG

28 Gallon Bag

PDCBF1110-59