

Additional Details

Performance

Dimensions

Manual

All models are outfitted with smart drums which alert the user when the drums reach capacity. Automatic canister cleaning is controlled by a timer that turns on every work hour & runs 10 seconds clockwise & counter clockwise. The 1 micron canister has a huge surface area and filtrates 99.97% of particles ranging from 0.2 to 2 microns. Smart Drums comes standard with high quality casters and feature our unique quick disconnect design.

Shop Setting CFM*: 4030

Inlet CFM: 6957

Max Static Pressure (Inches of Water): 16.8"

Impeller/Fan Size: 18½"

Impeller Material: Steel

Impeller Type: Radial Fin

How is the fan balanced? To what specs?: ISO 1940

Inlet Diameters: 12"

Drum Capacity: 54 ga x 2 Sets

Octagon Drum: Low Pressure

Drum Collection Bag (Dia x L): Plastic Bag (740 x 1300mmL)

Canister Filter Type: Black 1 Micron

Filtration Efficiency: 0.2-2 Micron

MERV Rating: 12

Canister Diameter: 750mm (29.53")

Canister Length: 1200mm (47.24")

Filter Surface Area: 19.2 m²/207 ft²

Canister Cleaning: Auto Clean (gear motor)/Cleans every hour 10 sec clockwise, 10 sec counter-clockwise

Canister Filter Lower Dust Collection: Plastic Bag(740 x 600mmL)

Canister Filter Lower Dust Collection: Plastic Bag (740 x 600mmL)

Wheels: None

US/CSA Approved: Yes

Decibel Reading: 81 dB(A)(@9.8ft)

Machine Weight: 590 kgs/1301 lbs

Shipping Weight: 735 kgs/ 1621 lbs

Shipping Dimensions (L x W x H): 100" x 49" x 86"

Assembled Dimensions (L x W x H): 99.6" x 48.3" x 131.4" (2530 x 1225 x 3337mm)

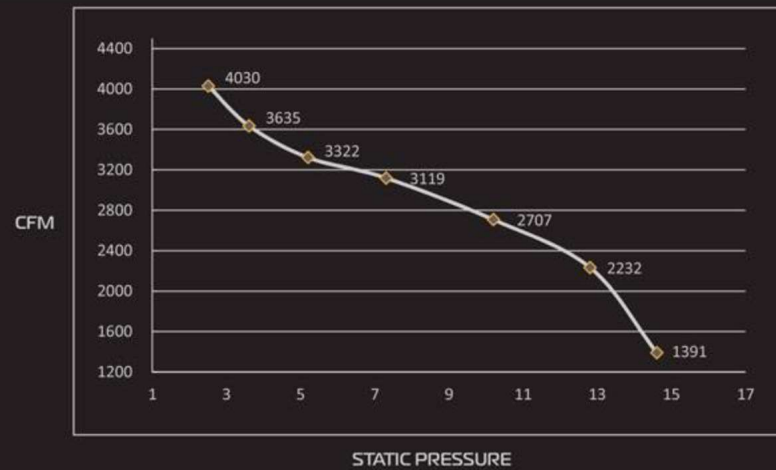


TIFLUX:10

TIFLUX:10	MAX STATIC PRESSURE (inch/H ₂ O)	MAX CFM	HP	VOLTS	Hz	IMPELLER	INLET
	16.8	4030	10	220/440	60	Ø18½"	Ø12"

	RESTRICTOR PLATE (inch)	DIA. 12"	DIA. 10"	DIA. 9"	DIA. 8"	DIA. 7"	DIA. 6"	DIA. 5"	DIA. 0"
TIFLUX:10	STATIC PRESSURE (inch/H ₂ O)	2.51	3.61	5.2	7.31	10.2	12.81	14.61	16.8
	CFM	4030	3635	3322	3119	2707	2232	1391	-
	VELOCITY	1.642	1.336	1.16	0.984	0.742	0.504	0.196	-

PERFORMANCE CURVE



*HOW WE OBTAIN OUR READINGS

- Testing based on new, clean filter. Results will vary depending on use.
- The inlet on tflux:10 is 12"
- A flex hose 16 X longer than inlet diameter is attached 12 x 16 = 192"
- Air pressure meter measures the velocity & static pressure is inserted into this hose at halfway point = 96"
- The Air Pressure Meter measures in Inches of Water
- The CFM is measured with 12" opening at end of hose, no restrictions, 96" from inlet.
- The Max. Static pressure is measured when the restrictor plate at end of hose is closed (0) 96" 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:
 $12"/12 = 1.00\text{ft}$ $1.00/2 = 0.50\text{ft}$ $0.50 \times 0.50 \times 3.1416 = 0.7854 \text{ft}^2$
- Formula: $\sqrt{1.642 \text{ inch of water} \times 0.7854 \text{ft}^2} \times 4005 = 4030\text{CFM}$ (website states 4030CFM; this calculated value will slightly vary due to the rounded off values derived from the above formula)

LAGUNA

PART NO. MDC TF102203

MACHINE FOOTPRINT

INLET CENTER LINE: 99.3"

