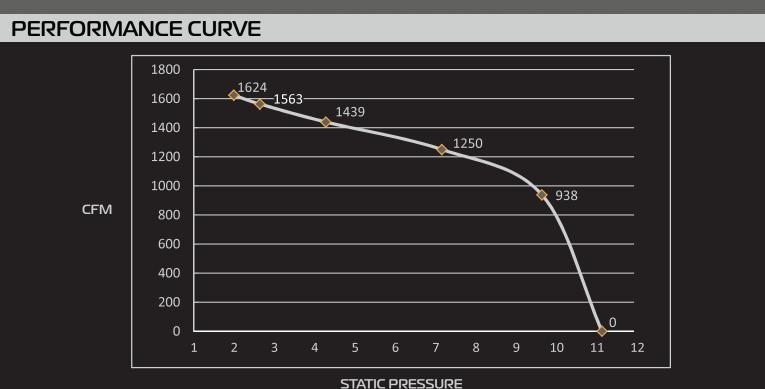


C FI_UX <mark>:</mark> E	MAX STATIC PRESSURE (inch/H2O)	MAX CFM		HP	VOLTS	Hz IM		IPELLER	INLET
	11.2	1624		3	220	60	Φ15.5"		Φ 8 "
	RESTRICTOR PLATE (inch)	DIA. 8"	D	IA. 7"	DIA. 6"	DIA. 5"		DIA. 4"	DIA. 0"
CIFILUX፧Ξ	STATIC PRESSURE (inch/H2O)	2	2.65		4.3	7.2		9.7	11.2
	CFM	1624	1	563	1439	1250		938	0
	VELOCITY	1.35	1.25		1.06	0.8		0.45	0



*HOW WE OBTAIN OUR READINGS

- Testing based on new, clean filter. Results will vary depending on use.
- The inlet on c|flux:3 is 8"
- A flex hose 16 X longer than inlet diameter is attached 8 x 16 = 128"
- Air pressure meter measures the velocity & static pressure is inserted into this hose at halfway point = 64"
- The Air Pressure Meter measures in Inches of Water
- The CFM is measured with 8" opening at end of hose, no restrictions, 64" from inlet
- The Max. Static pressure is measured when the restrictor plate at end of hose is closed (0) 64" 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:
 - $8''/12 = 0.66ft \quad 0.66/2 = 0.33ft \quad 0.33 \times 0.33 \times 3.1416 = 0.3491 \text{ ft}^2$

Formula: $\sqrt{1.35}$ inch of water x 0.3491 ft² x 4005 = 1624CFM (website states 1624CFM; this calculated value will slightly vary due to the rounded off values derived from the above formula)