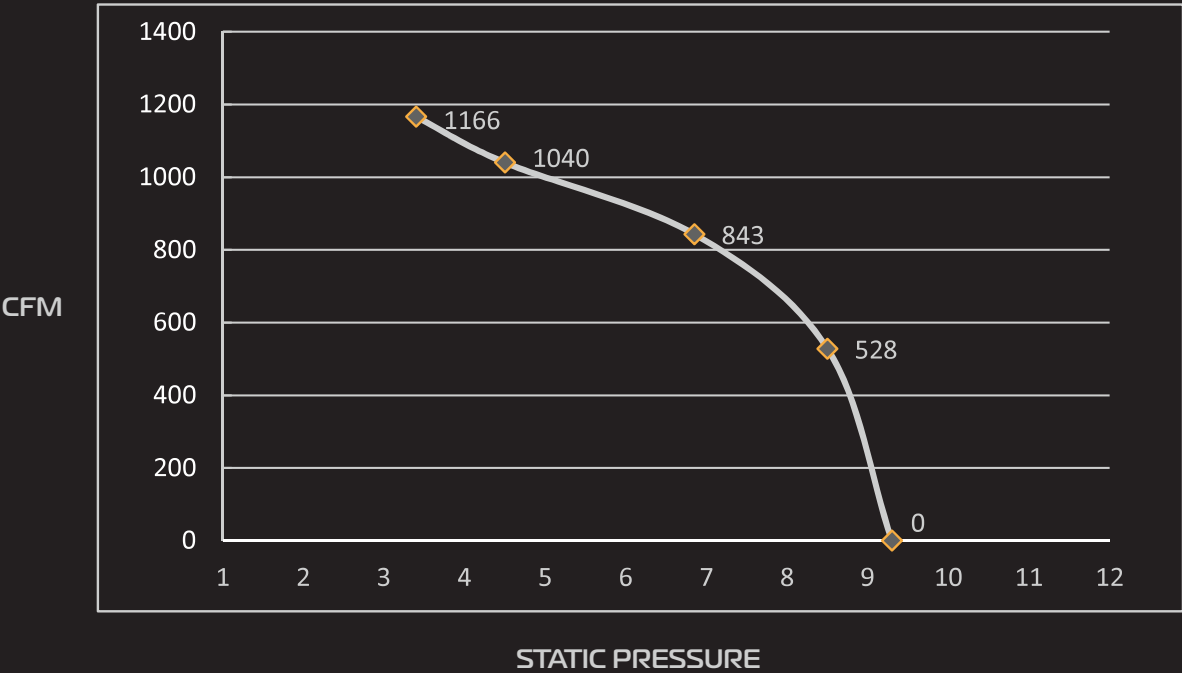


PIFLUX:E	MAX STATIC PRESSURE (inch/H2O)	MAX CFM	HP	VOLTS	Hz	IMPELLER	INLET
	9.3	1166	2	220	60	Φ14.5"	Φ6"

PIFLUX:E	RESTRICTOR PLATE (inch)	DIA. 6"	DIA. 5"	DIA. 4"	DIA. 3"	DIA. 0"
	STATIC PRESSURE (inch/H2O)	3.4	4.5	6.85	8.5	9.3
	CFM	1166	1040	843	528	0
	VELOCITY	2.2	1.75	1.15	0.45	0

PERFORMANCE CURVE



*HOW WE OBTAIN OUR READINGS

- Testing based on new, clean filter. Results will vary depending on use.
- The inlet on p|flux:2 is 6"
- A flex hose 16 X longer than inlet diameter is attached 6 x 16 = 96"
- Air pressure meter measures the velocity & static pressure is inserted into this hose at halfway point = 48"
- The Air Pressure Meter measures in Inches of Water
- The CFM is measured with 6" opening at end of hose, no restrictions, 48" from inlet
- The Max. Static pressure is measured when the restrictor plate at end of hose is closed (0) 48" 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:
 $6"/12 = 0.5\text{ft}$ $0.5/2 = 0.25\text{ft}$ $0.25 \times 0.25 \times 3.1416 = 0.19635 \text{ ft}^2$
 - Formula: $\sqrt{2.2 \text{ inch of water}} \times 0.19635 \text{ ft}^2 \times 4005 = 1166\text{CFM}$ (website states 1166CFM; this calculated value will slightly vary due to the rounded off values derived from the above formula)