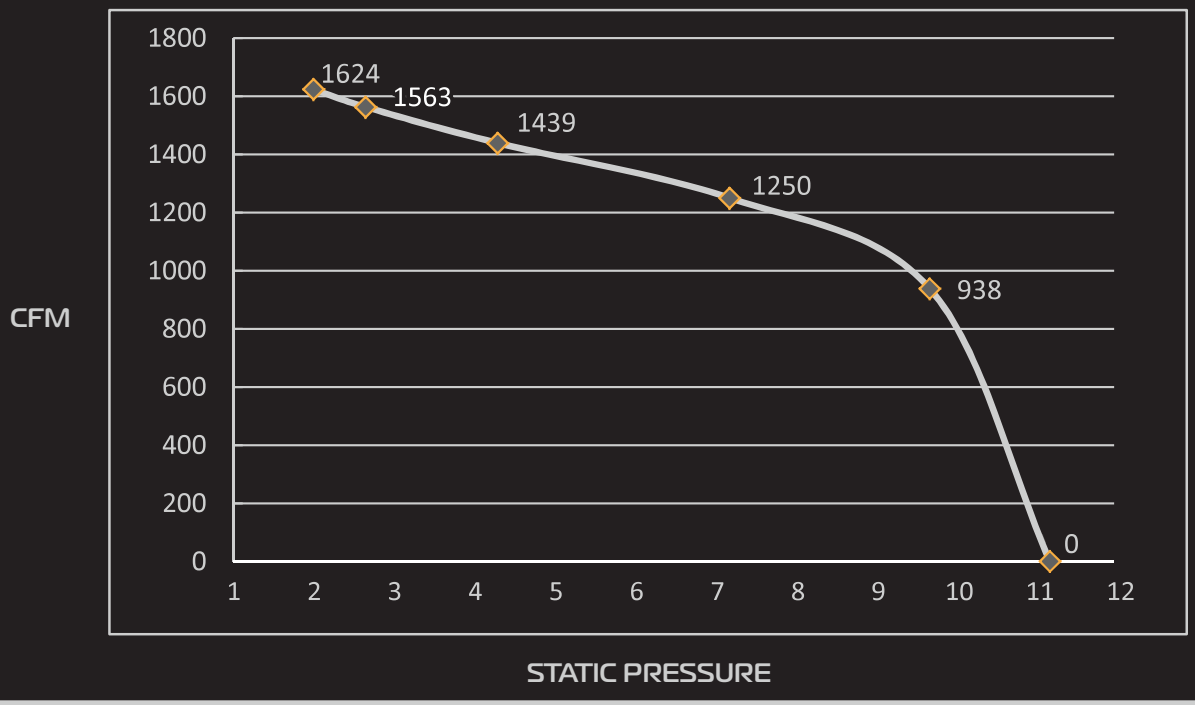
P|FLUX:Ξ	MAX STATIC PRESSURE (inch/H2O)	MAX CFM	HP	VOLTS	Hz	IMPELLER	INLET
	11.2	1624	3	220	60	Φ15.5"	Φ8"

	RESTRICTOR PLATE (inch)	DIA. 8"	DIA. 7"	DIA. 6"	DIA. 5"	DIA. 4"	DIA. 0"
P|FLUX:Ξ	STATIC PRESSURE (inch/H2O)	2	2.65	4.3	7.2	9.7	11.2
	CFM	1624	1563	1439	1250	938	0
	VELOCITY	1.35	1.25	1.06	0.8	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: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 0.66/2 = 0.33ft 0.33 x 0.33 x 3.1416 = 0.3491 ft^2

  Formula: $\sqrt{1.35}$ inch of water x 0.349^2 ftl x 4005 = 1624CFM (website states 1624CFM; this calculated value will slightly vary due to the rounded off values derived from the above formula)