fantech

HP175(RADON)4"W/O BRACKET

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Description

- UV resistant, UL Listed durable plastic
- UL Listed for use in commercial applications
- Watertight electrical terminal box
- Totally enclosed for protection
- Automatic reset thermal overload protection

HP Series fans are specially designed with higher pressure capabilities for radon mitigation applications.

HP175
The economical choice where slightly less air flow is needed. Often used where there is good sub slab communication and lower Radon levels. HP190 and HP2190. The standard for Radon Mitigation. Ideally tailored performance curve for a vast majority of your mitigations.

HP220
Excellent choice for systems with elevated radon levels, poor communication, multiple suction points and large subslab footprint.

HP2133
For applications where lower pressure and flow are needed. Record low power consumption of 14-20 W! Often used where there is good sub slab communication and lower Radon levels.

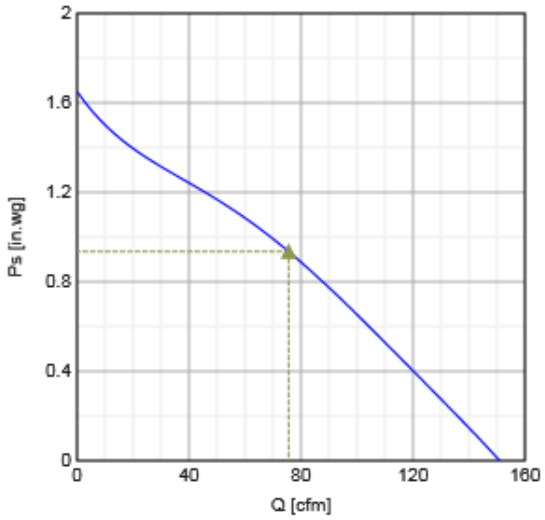
NOTE:
Installations that will result in condensate forming in the outlet ducting should have a condensate bypass installed to route the condensate outside of the fan housing. Conditions that are likely to produce condensate include but are not limited to: outdoor installations in cold climates, long lengths of outlet ducting, high moisture content in soil and thin wall or aluminum outlet ducting. Failure to install a proper condensate bypass may void any warranty claims.

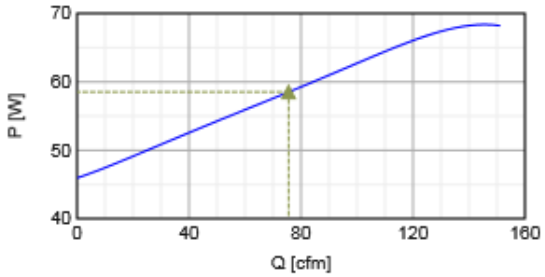
Technical parameters

Voltage	120	V
Frequency	60	Hz
Phase	1	~
Power	68.2	W
Current	0.57	A
Max. airflow	151	cfm
Fan impeller speed	2755	r.p.m.
Max. temperature of transported air	140	°F
Weight	2.2	lbs.
Insulation class, motor	B	
Enclosure class, motor	44	IP
Certificate	HVI, cULus	

Performance

Diagrams

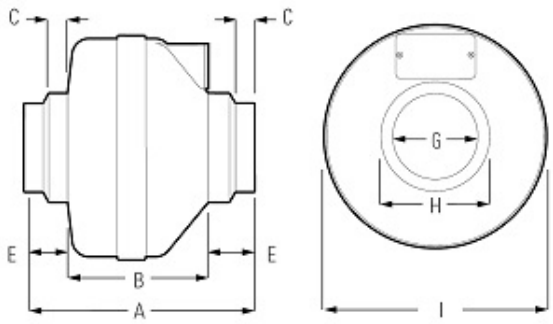




Hydraulic data

	Working point						
	Q [cfm]	Ps [in.wg]	P [W]	n [r.p.m.]	I [A]	SFP [W/l/s]	U [V]
Max efficiency	▲ 75.5	▲ 0.936	▲ 58.5	3033	-	1.64	120

Dimensions



Model	A	B	C	E	G	H	I
HP 175 & 190	10 1/8	6 1/8	7/8	2	3 7/8	4 3/4	9 3/4

Dimensions in inches

Documentation

(401443 HP-FR OIPM EN.pdf, 399kB)