

Rn4EC-3 Inline Radon Fan

w/ integrated control system, 3.5" Pipe, 4.75" max SP

Item #: 99922

Variant: 120V 1~ 60Hz



Rn4EC-3 Radon Fan is the most powerful product on the market for active radon mitigation applications where high suction and high flow are required. It is an excellent solution for high radon levels, poor sub-slab communication, multiple suction points and/or large sub slab footprint.

- Designed specifically for Active Soil Depressurization (ASD) mitigation applications
- High Suction, High Flow
- Dial your suction in with a built-in speed control
- Two soft anti-vibration couplers included
- Set up for a 3" PVC pipe
- For residential and commercial applications
- Air-tight housing - zero leakage
- UV resistant plastic housing
- UL Listed for safety and outdoor use
- HVI certified fan performance
- 5-year factory warranty

Rn4EC-3 can create 4.75" of suction while moving 20 cfm, or moving from 125 to 200 cfm when operating at only 0.5" of suction.

Inherently efficient and operationally stable at full and reduced speeds, Rn 4EC-3 fan arms the radon professional with installation methods not previously practical. Integrated control system allows for "dialing in" the fan speed necessary to achieve either the required sub-slab depressurization or required system air flow rate.

Manufactured from two molded plastic pieces seamlessly joined together. It is inherently and permanently airtight ensuring no Radon gas leakage. A large watertight electrical wiring enclosure ensures electrical installation quick and simple. Fan motor is thermal overload protected with automatic reset and can be installed both indoors or outdoors. Two anti-vibration couplers are included with the fan.

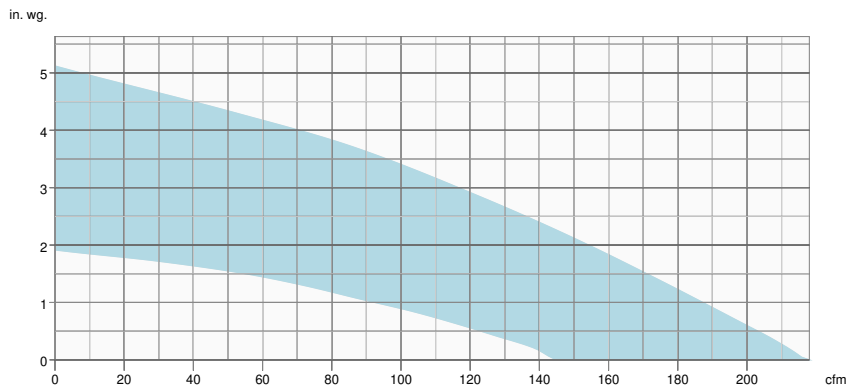


Technical parameters

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Voltage (nominal)	120	V
Frequency	60	Hz
Phase(s)	1~	
Input power	169	W
Input current	2.1	A
Impeller speed	4,084	r.p.m.
Air flow	max 555	cfm
Protection/Classification		
Enclosure class, motor	IP54	
Insulation class	B	
Certificate	HVI, cULus	
Dimensions and weights		
Weight	7.8	lb

Performance

Performance curve

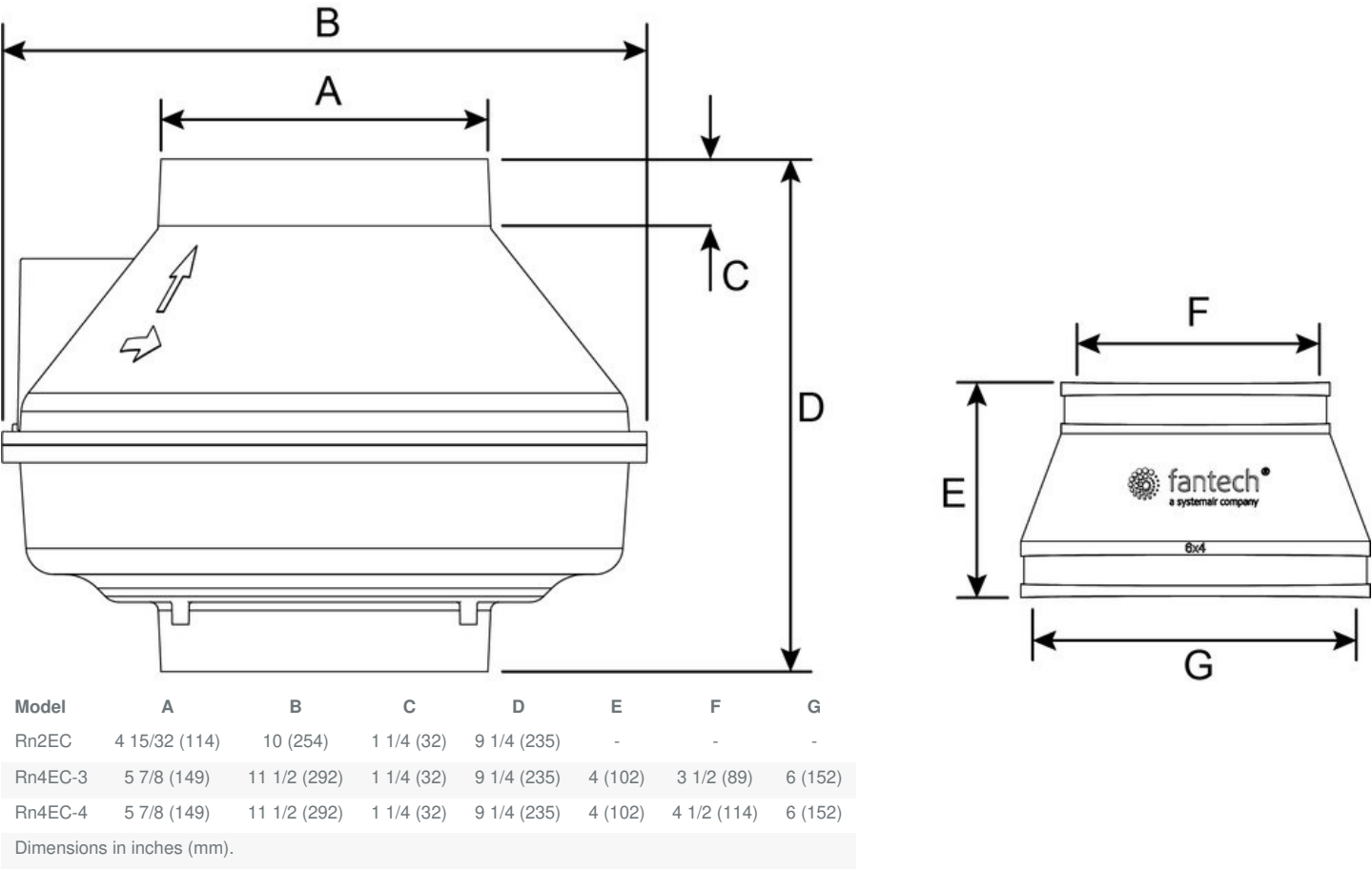


Hydraulic data		
Required air flow		-
Required static pressure		-
Working air flow		-
Working static pressure		-
Air density		0.075 lb/ft³
Power		-
Fan control - RPM		-
Current		-
Airflow efficiency		-
Control voltage		-
Supply voltage		-

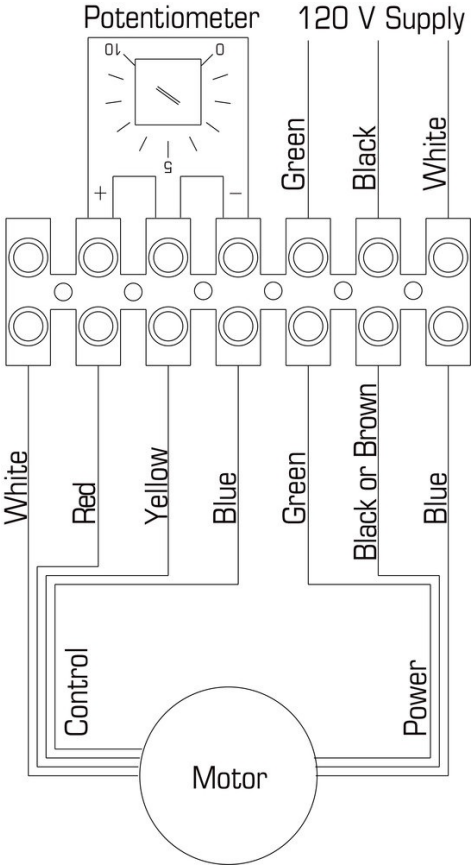
Performances

Model	Speed	Ctrl Voltage	HVI Certified Rating(s)					
			High Static/Low Flow			Low Static/High Flow		
			Inch WC	CFM	W	Inch WC	CFM	W
Rn4EC-3	100%	10V	4.5	36	146	0.2	210	173
	80%	8V	3.19	29	88	0.2	180	126
	60%	6V	1.75	20	40	0.2	130	57
NOTE: Performance is based on 3 inch diameter ducting.								

Dimensions



Wiring



Documents

- 142001 Rn2EC-Rn4-EC OIPM EN FR.PDF