



For Active Soil Depressurization (ASD) mitigation applications

- Designed specifically for Active Soil Depressurization (ASD) mitigation 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

[Find more details in our online catalogue](#)

Technical parameters

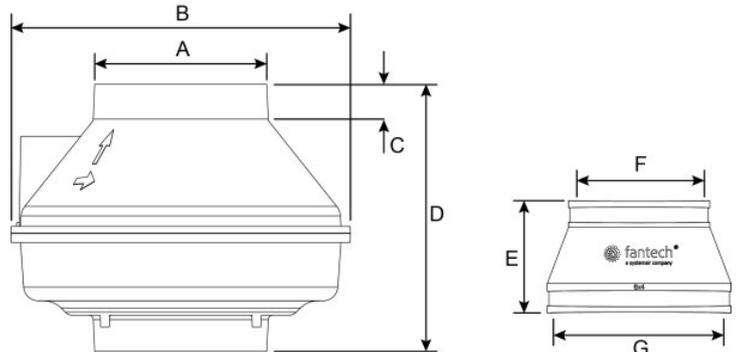
Nominal data	
Voltage (nominal)	120 V
Frequency	60 Hz
Phases	1~
Input power	174 W
Input current	2.8 A
Impeller speed	4,099 rpm
Air flow	max 330 cfm
Protection/Classification	
Enclosure class, motor	IP54
Insulation class	B
Certificate	HVI, cULus
Applicable pipe sizes	
Pipe dimensions	4; 6 in.
Dimensions and weights	
Duct dimension; Circular, inlet	4.5 in.
Duct dimension; Circular, inlet	5 in.
Weight	7.8 lb
Optional	
Motor type	EC

Performances

Model	S p e e d	C t r i V o l t a g e	HVI Certified Rating(s)					
			High Static/ Low Flow	Inch WC	C F M	W	Low Static/ High Flow	Inch WC
Rn4EC-4	100%	10V	4.5	39	141	0.2	320	174
	80%	8V	3.14	31	84	0.2	300	135
	60%	6V	1.56	20	33	0.2	210	52

NOTE: Performance is based on 4 inch diameter ducting.

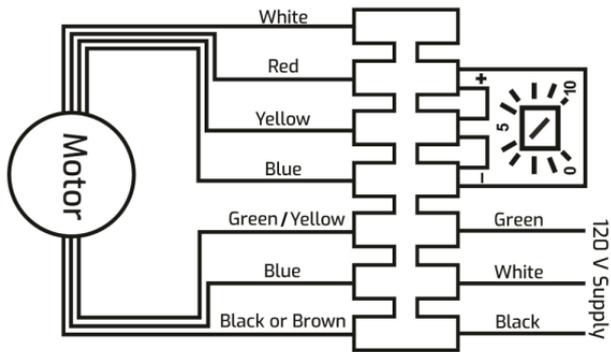
Dimensions



Model	A	B	C	D	E	F	G
Rn2EC	4 15/32 (114)	10 (254)	1 1/4 (32)	9 1/4 (235)	-	-	-
Rn4EC-3	5 7/8 (149)	11 1/2 (292)	1 1/4 (32)	9 1/4 (235)	4 (102)	3 1/2 (89)	6 (152)
Rn4EC-4	5 7/8 (149)	11 1/2 (292)	1 1/4 (32)	9 1/4 (235)	4 (102)	4 1/2 (114)	6 (152)

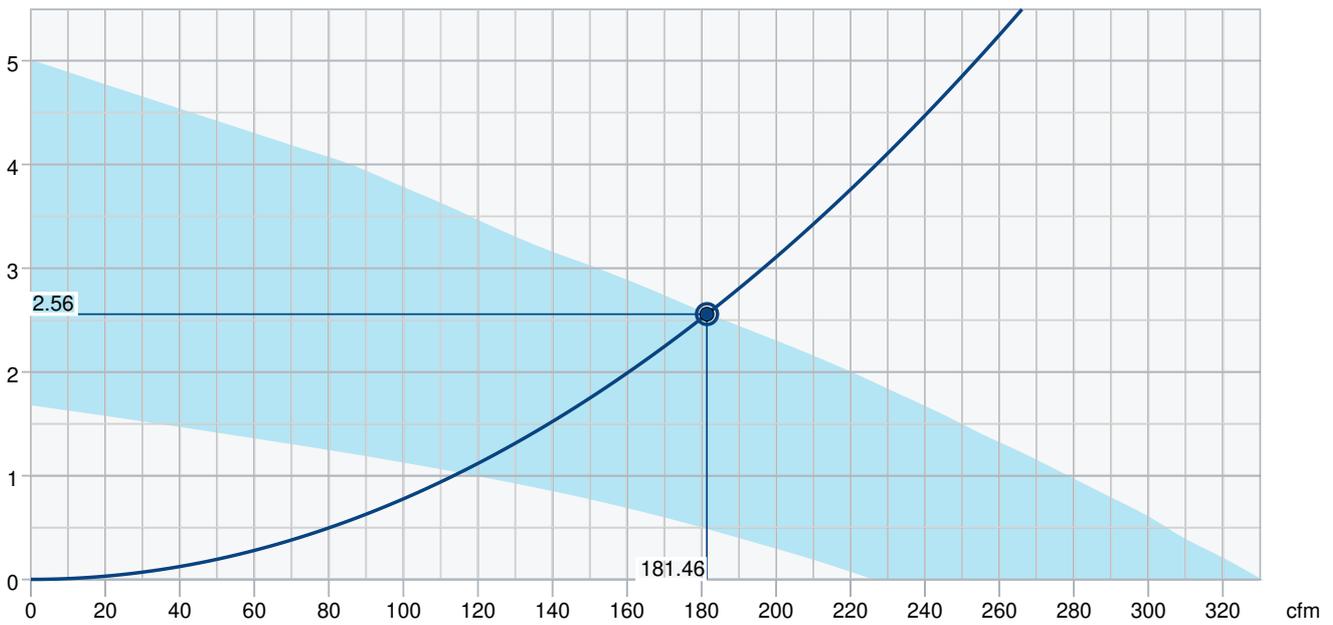
Dimensions in inches (mm).

Wiring



Performance curve

in. wg.



Hydraulic data

Required air flow	181 cfm
Required static pressure	2.56 in. wg.
Working air flow	181 cfm
Working static pressure	2.56 in. wg.
Air density	0.075 lb/ft ³
Power	174 W
Fan control - RPM	4,377 rpm
Current	2.67 A
Airflow efficiency	1.0 cfm/W
Control voltage	120.0 V
Supply voltage	120 V

Accessories

Radon Alarm (498290)

Documents

E1989 Radon Trifold Brochure

142001 Rn2EC-Rn4-EC OIPM EN FR.PDF