

Rn1

Energy Efficient Radon Fan

Application

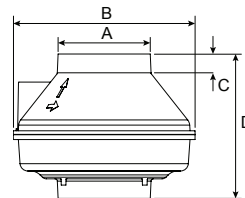
The Rn1 is specifically designed for applications where lower pressure and flow are needed. With a record low power consumption of 20 W, this Energy Efficient Fan is a perfect choice where there is good sub slab communication and lower Radon levels.

Design

The fans feature a fully sealed plastic housing. The housing is joined via a vibration welding process. The process uses transverse, reciprocating motion under pressure at the point of contact between the housing's inlet and outlet pieces. The friction produces heat that melts the thermoplastic material at the interface. The melted material quickly re-solidifies, resulting in a fused, single piece housing. The fused seam is inherently air tight, very strong and permanent. An air-tight fan ensures that efficiency is not lost and contaminants are not spilled due to leakage.

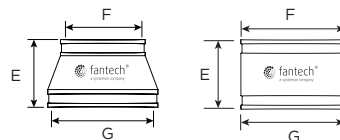
The fan can be mounted both indoor, outdoor and in wet locations. These fans feature external rotor motors that have proven dependable year after year.

A large electrical wiring enclosure is designed into the fan housing, making electrical installation easier. Thermal overload protected with automatic reset is also included.



Fan Dimensions

A	4 15/32
B	10
C	1 1/4
D	9 1/4



Coupling Dimensions

	4x3	4x4
E	4	4
F	3 1/2	4 1/2
G	4 1/2	4 1/2

Certification



Product and Performance Data

Fan Model	Couplers Sold Separately (Pair)	Fan Style	Pressure Category	Application Pressure Range ¹ (in w.c.)	Max. Pressure ² (in w.c.)	Electrical (V ~ - Hz)	Rated Power (Watts)	RRNC 2.0 Fan Type
Rn1	LDVI 4x3	Inline	Low	0.0 - 0.8	0.89	120 - 1 - 60	20	RF1
	LDVI 4x4							

Cross Reference / Replacement Guide^{3,4}

Fantech		RadonAway	AMG / Festa
Recent	Older		
HP 2133	R 100	RP140	Spirit
FR 100	F 100		

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