



fantech[®]
a systemair company



Our line. Simplified.

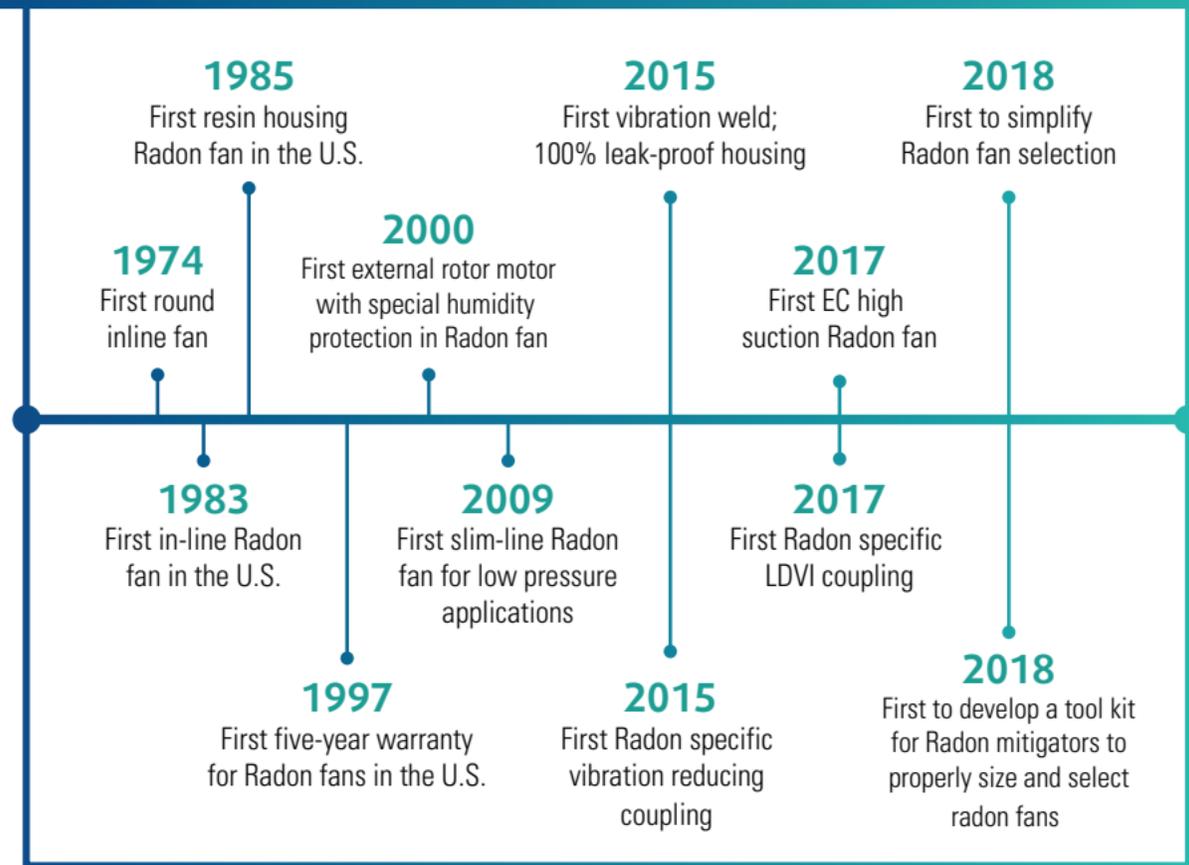
Leading the way in radon fan technology

Invention to innovation

From introducing the first inline radon fan to the U.S. in 1983 to developing the first Pressure Field Extension Diagnostic Kit (PFEDK) in 2018, Fantech's history is marked with iconic industry firsts. For over 40 years, we have been committed to providing high quality products that not only save lives, but make yours just a little bit easier.

Think Fantech first.

A History of Firsts





Rn1 *Low Flow and Suction*

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

- Standard 4 ½" pipe size
- 90cfm @ 0.50"sp and 21cfm @ 0.8"sp
- Record low power consumption of <20W
- Vibration welded seam ensures leak-proof housing

Specifications

Pressure Category	Application Pressure	Maximum Pressure	Watts	Fantech	RadonAway	AMG/Festa
Low	0.0 - 0.8	0.9	20	HP2133 FR100	RP140	Spirit

Replacement Guide

Fantech	RadonAway	AMG/Festa
HP2133 FR100	RP140	Spirit

Rn2 *Medium Flow and Suction*

Ideally tailored performance curve for a vast majority of your mitigations. This fan model can be mounted both indoor, outdoor and in wet locations.

- Standard 4 ½" pipe size
- 123cfm @ 0.50"sp and 20cfm @ 1.75"sp
- Vibration welded seam ensures leak-proof housing



Specifications

Pressure Category	Application Pressure	Maximum Pressure	Watts
Med-Low	0.0 - 1.8	1.9	59

Replacement Guide

Fantech	RadonAway	AMG/Festa
HP2190Q	RP145, RP260	Maverick
HP 190	XP151, XP201	Hawk
HP 175	XR261	—
—	GP201	—



Rn2 SL *Medium Flow and Suction*

Our Rn2 SL is engineered specifically for the demands of radon mitigation applications with aesthetics in mind. This exterior-mounted fan features a sleek, neutral-colored housing that is less contrasting to the appearance of many homes' exteriors.

- Inconspicuous appearance
- 133cfm @ 0.50" sp and 26cfm @ 2.0" sp
- Integrated condensate bypass and ice breaker
- Radon specific LDVI™ couplings included

Specifications

Pressure Category	Application Pressure	Maximum Pressure	Watts	Fantech	RadonAway	AMG/Festa
Med-Low	0.0 - 2.0	2.1	87	HP 190SLQ	SF180	Patriot

Replacement Guide

Fantech	RadonAway	AMG/Festa
HP 190SLQ	SF180	Patriot

Rn3 *High Flow and Medium Suction*

The Rn3 model is an excellent choice for systems with elevated radon levels, poor communication, multiple suction points and/or large sub slab footprint.

- Standard 6" pipe size
- 285cfm @ 0.50" sp and 57cfm @ 2.0" sp
- Vibration welded seam ensures leak-proof housing

Specifications

Pressure Category	Application Pressure	Maximum Pressure	Watts
Med-High	0.0 - 2.2	2.36	141



Replacement Guide

Fantech	RadonAway	AMG/Festa
HP 220	RP265	Legend
FR 150	RP380	Prowler
FR 160	GP301	—



Rn4 EC *High Flow and Suction*

Our Rn4EC radon fan system is specifically designed for mitigation systems requiring high suction air performance, with the built-in flexibility to provide greater air flow rates at lower suction pressures as well. No more choosing either high flow or high suction, this fan can do either one!

- Unparalleled Power & Efficiency
- 490cfm @ 0.50" sp and 20cfm @ 4.3" sp
- Equipped with a Speed Controlled EC Motor
- Radon specific LDVI™ couplings included

Specifications

Pressure Category	Application Pressure	Maximum Pressure	Watts
High	0 - 4.35	4.4	172

Replacement Guide

Fantech	RadonAway	AMG/Festa
FR 200	GP301	Prowler
FR 225	GP401	Eagle
FR 250	GP501	Fury

LDVI™ Radon specific couplings

Complete your Radon system with a pair of Fantech's new LDVI™ (Low Durometer Vibration Isolating) couplings. Designed specifically for radon mitigation applications, our patent pending LDVI couplings are molded with a softer, more flexible (low durometer) material as compared to standard plumbing couplings, making installation easier, while providing superior vibration isolation.

LDVI couplings are designed to work with both 3" and 4" PVC pipe connections and can be used to enhance the performance of ANY radon fan on the market.



- Patented material makes installation easier
- Dual purpose lip – built-in pipe stop & optimizes airflow
- Lower durometer drastically reduces transferred vibration to the structure
- Perfect for all climates
- Attractive white color to match pipe
- Meets or exceeds ASTM D5926-15
- Tested for UV resistance and salt spray



Pressure Field Extension Diagnostic Kit

It's a science, use it to your advantage.

Fantech's PFE Diagnostic Kit will assist you in properly sizing any sub-slab depressurization applications up to 4.4".

- Measure, analyze and select the right fan the first time
- Instant credibility, no more guessing
- Don't have to go back and replace an undersized fan

What's in the kit?

Fantech's PFEDK includes our Rn4EC fan, LDVI Pressure Sensing Couplings, digital manometer, phone app and cross reference materials, all housed in a road-tough, heavy duty Pelican® rolling case.

Fresh Air Appliances (HRV/ERV)

What if a simple ASD system isn't the answer?

Radon levels in certain regions or building styles can be hard to mitigate with a traditional Active Soil Depressurization (ASD) system.

A Fantech HRV or ERV can be an effective way to reduce radon levels, by providing a balanced ventilation to the space, introducing fresh air and diluting the air inside the structure. In most cases, this reduces radon levels and raises overall Indoor Air Quality (IAQ).





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