

Exterior-Mounted Centrifugal Fans for Wall and Roof

specific solutions for outdoor installations



RE Series

REC Series

RVF Series

Fantech RE Series

Roof/Wall Mounted Centrifugal Fans

When space is tight, Fantech's RE Series is the solution. With a lightweight, low profile design, and duct diameters from 6" to 10", RE Series fans move a lot of air from one or more venting points. For roof mounting, these fans are available as either a flat plate or with a roof curb design. RE Series fans can also be mounted on an exterior wall when roof access is not suitable. An added benefit is whisper-quiet interior noise levels (depending on type of installation).



Fantech RE Series

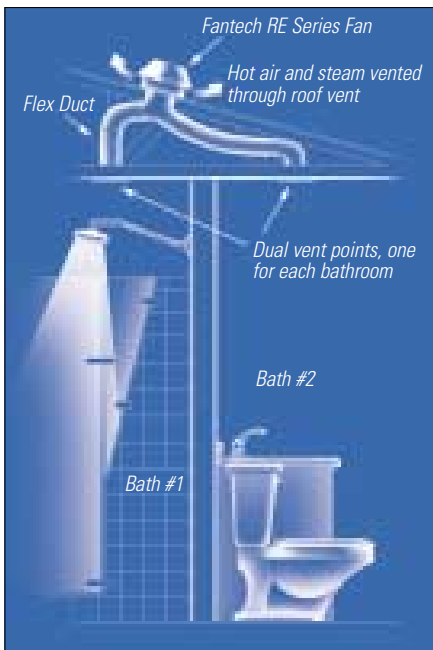


Fantech REC Series

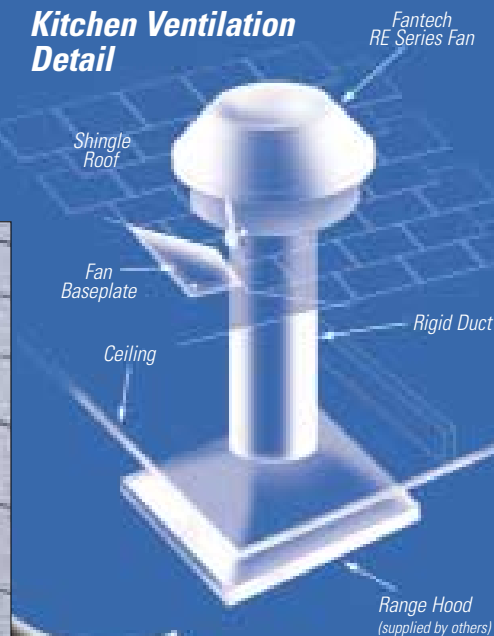


Built tough inside and out:

- Galvanized steel housing features baked powder-coat finish (can be painted to match decor)
- Unique external rotor motor has built-in thermal overload protection with automatic reset
- Permanently lubricated sealed ball bearings
- 100% speed control for highly efficient and economical airflow
- Excellent heat dissipation for long motor life
- Suitable for airstream temperatures of up to 140° F
- Tested and approved by UL and CSA (or equals)
- Five-year warranty



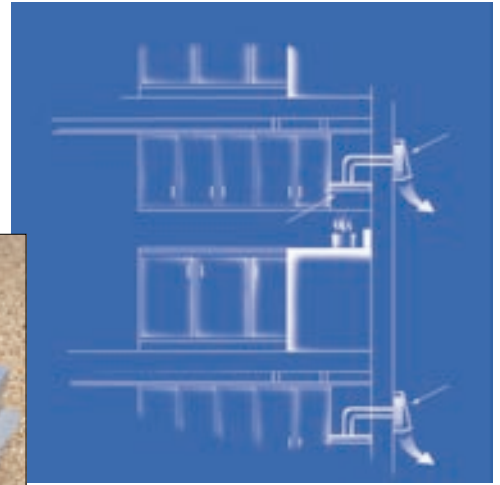
Kitchen Ventilation Detail





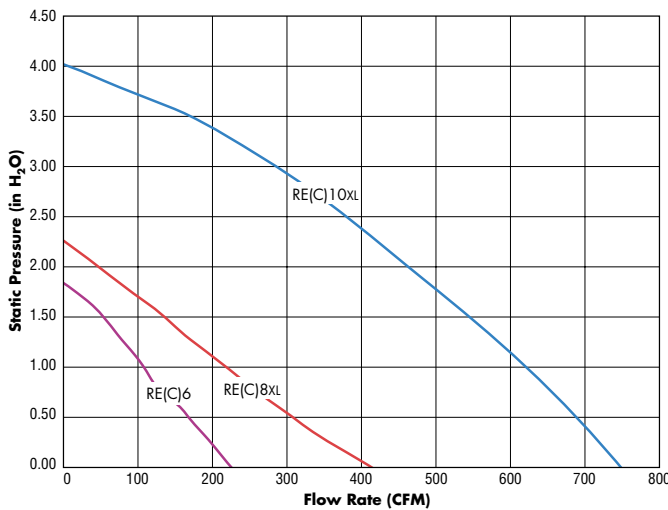
"RE" could stand for "Real Easy" installation

RE Fans are simple to install; no installation extras are required. Simply mount the fan on the roof or wall, then connect the electrical supply to the easily accessible terminal box. The top cover is removable for access to the motor and wiring connections.



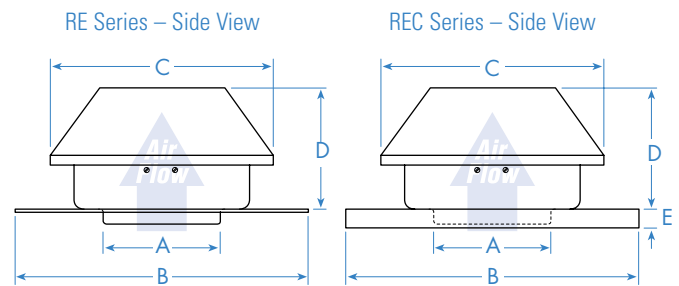
Specifications

RE(C) Series Air Performance Graph



Fantech, Inc. certifies that the RE & REC Series shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings Program.

RE(C) Series Dimensional Data



model	A	B	C	D	E
RE 6	6	15½	13¾	6½	—
REC 6	6	15½	13¾	6½	1½
RE 8XL	8	20	15¾	6	—
REC 8XL	8	20	15¾	6	1½
RE 10XL	10	20	19¾	11¾	—
REC 10XL	10	20	19¾	11¾	1½



All dimensions in inches. † Male duct connector is 1/8" smaller than duct size.

RE(C) Series Performance Data (For sound performance data refer to publication #RE/C-0799-4)

Fan Model	RPM	Volts	Max. Watts	Max. Amps	Static Pressure in Inches W.G.											Max. Ps.	Duct Dia.	†Sones
					0"	.125"	.25"	.375"	.5"	.75"	1.0"	1.25"	1.5"	2.0"	2.5"			
RE 6	2700	115	87	0.80	227	213	199	184	169	134	106	80	51	—	—	1.84"	6"	*7.5
RE 8XL	2800	115	153	1.48	409	382	356	331	307	259	212	170	130	43	—	2.23"	8"	*8.9
RE 10XL	3250	115	394	3.61	753	—	721	—	690	656	622	586	548	467	383	4.03"	10"	†16.4

Performance shown is for installation type A - Free inlet, Free outlet. Speed (RPM) shown is nominal. Performance is based on actual speed of test. Performance ratings do not include the effects of appurtenances in the airstream.

† The sound ratings shown are loudness values in fan sones at 5ft. (1.5m) in hemispherical free field calculated per AMCA Standard 301. Values shown are for installation Type A: free inlet fan sone levels.

* Sone value shown was calculated at 0.5" (static pressure in inches W.G.).

† Sone value shown was calculated at 0.75" (static pressure in inches W.G.).



Fantech RVF Series

*Free your interior space
Maximize your ventilation*

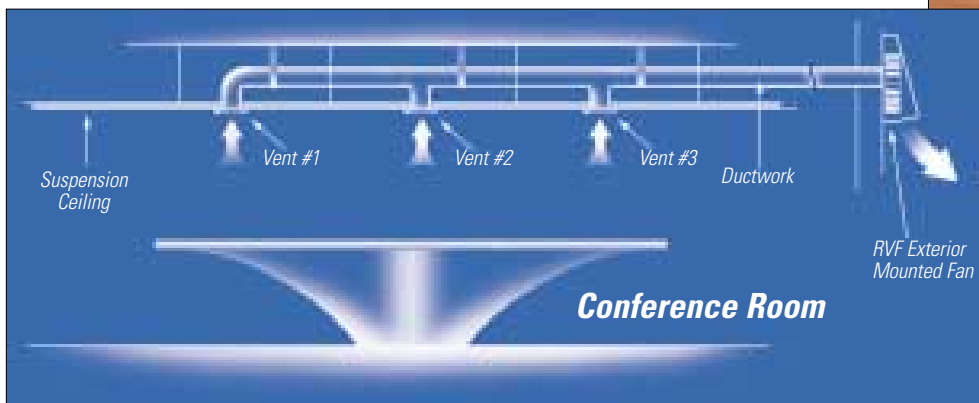
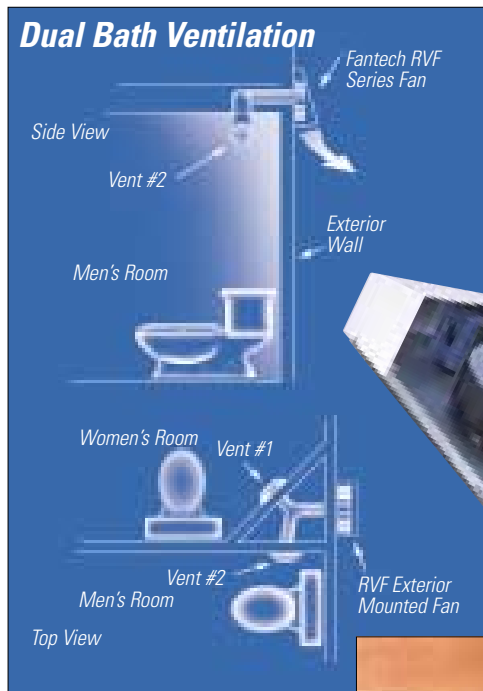
From conference rooms to bathrooms, RVF fans are the perfect way to free up valuable interior space. With duct diameters ranging from 4" to 8", Fantech's RVF Series fans move a lot of air while maintaining whisper quiet interior noise levels.

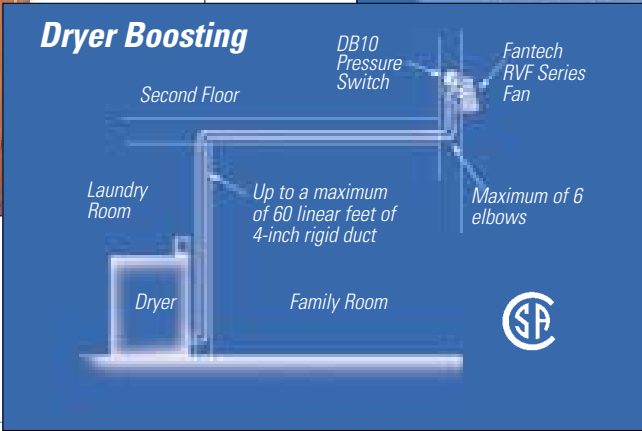
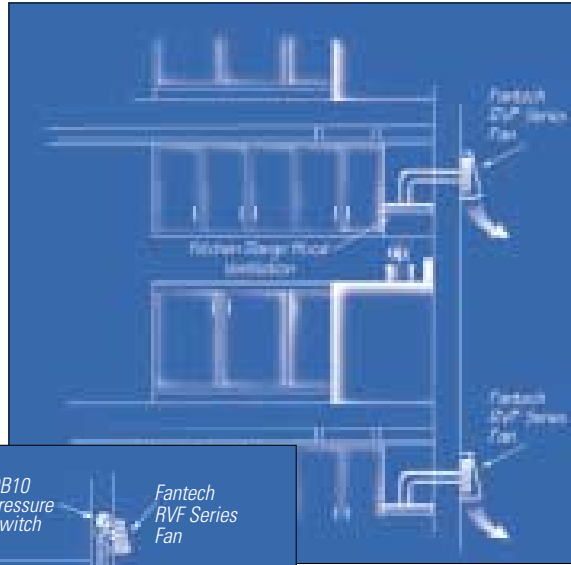
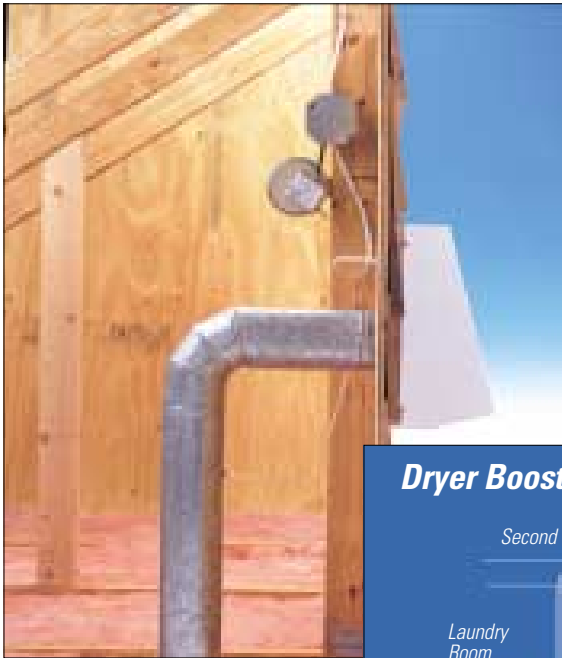
Get connected with ease

Fantech RVF Series fans are lightweight, compact, and simple to install. No installation extras are required. Just mount the fan to the wall and connect the electrical supply to the conveniently located terminal box. The housing is removable for immediate access to the motor and wiring connections.

Rugged features help RVF fans withstand the elements:

- Galvanized steel housing features baked powder-coat finish (can be painted to match decor)
- External rotor motor with totally enclosed design allows fans to operate in high moisture, lint and dust laden air
- Split capacitor motors feature automatic reset thermal overload protection and sealed ball bearings for long life and maintenance-free operation
- All motors and impellers are designed as one integral unit, allowing for excellent motor heat dissipation, even at low RPM
- Permanently lubricated sealed ball bearings
- Solid-state speed control for infinitely variable, highly efficient and economical airflow
- Excellent heat dissipation, ensuring long motor life
- HVI certified
- Suitable for airstream temperatures of up to 140° F
- Tested and approved by UL, CSA, or equals
- Five-year factory warranty

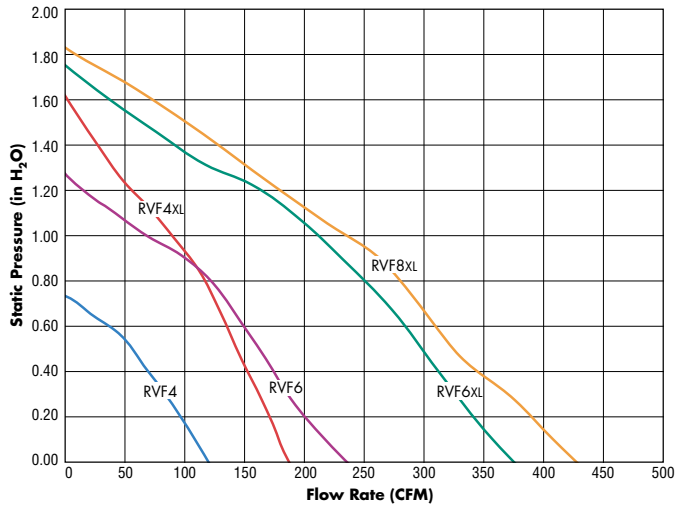




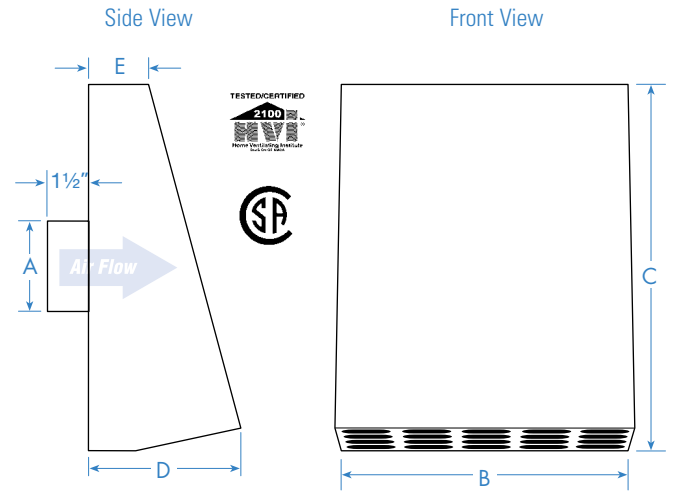
Versatile, efficient RVF Series fans are excellent choices for dryer boosting, bath and kitchen ventilation when space is an issue.

Specifications

RVF Series Air Performance Graph



RVF Series Dimensional Data



model	A ¹	B	C	D	E
RVF 4	4	10 1/4	13	6	2 3/4
RVF 4XL	4	10 1/4	13	6	2 3/4
RVF 6	6	10 1/4	13	6	2 3/4
RVF 6XL	6	14 1/4	17	6	2 3/4
RVF 8XL	8	14 1/4	17	6	2 3/4



All dimensions in inches.
¹Duct connection is 1/8" smaller than duct size.

RVF Series Performance Data

Fan Model	RPM	Volts	Rated Watts	Wattage Range	Max. Amps	Static Pressure in Inches W.G								Max. Ps	Duct Dia.
						0"	.1"	.2"	.4"	.6"	.8"	1.0"	1.5"		
RVF 4	2950	115	19	13 - 19	0.17	124	110	98	71	36	—	—	—	0.73"	4"
RVF 4XL	2700	115	92	73 - 92	0.84	193	180	172	154	136	118	91	—	1.61"	4"
RVF 6	2550	115	92	78 - 93	0.84	242	220	204	177	150	123	68	—	1.27"	6"
RVF 6XL	3000	115	149	145 - 157	1.46	381	360	346	315	285	258	213	64	1.74"	6"
RVF 8XL	2900	115	151	140 - 155	1.42	435	410	392	348	312	282	235	102	1.82"	8"

RVF Series performance is shown with ducted outlet. Per HVI's Certified Ratings Program, charted air flow performance has been derated by a factor based on actual test results and the certified rate at .1 inches WG.

Timers and Speed Controls

Pushbutton Timer—FD60EM



Speed Control—WC15 ▼



Humidistat—FH20 ▼



Attic Thermostat—FAT10 ▼



Fan Timer—FLD60 ▼



Speed Control—SCD5 ▲



Speed Control—RPE10



Manual Fan Timer—FD30M ▲



Speed Control—WC15H