

RVF Series

Exterior-Mount Exhaust Fans

Fantech RVF fans have been specially designed to provide quiet ventilation for commercial and residential applications. Fan motor mounts on outside wall of building. Powder-coated galvanized steel housing protects the dependable external rotor motor from the elements. Choose from five models featuring 4", 6", 8" or 10" (102, 152, 203 or 254 mm) duct and CFM ranges from 120 to 1222 @ 0.1" Ps. for AC models and 225 to 862 CFM for EC models @ 0.1" Ps.

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.

EC Motors

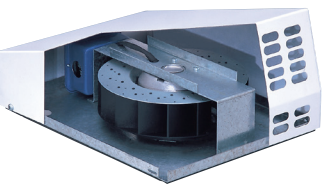
The EC-motor version provides the highest efficiency, can be speed controlled via a 0-10Vdc signal, and also includes a pre-wired speed control potentiometer

Features and Benefits

- 120 to 1222 CFM for AC models
225 to 862 CFM for EC models
- Galvanized steel housing features baked powder-coat finish (can be painted to match siding, brick or stucco)
- External rotor motor with totally enclosed design allows fans to operate in high moisture, lint and dust laden air
- Permanent 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
- 100% speed controllable for highly efficient and economical airflow
- Excellent heat dissipation to ensure long motor life
- Suitable for airstream temperatures of up to 140° F (60° C)
- HVI Certified, UL Listed and CSA Certified
- 5 year warranty

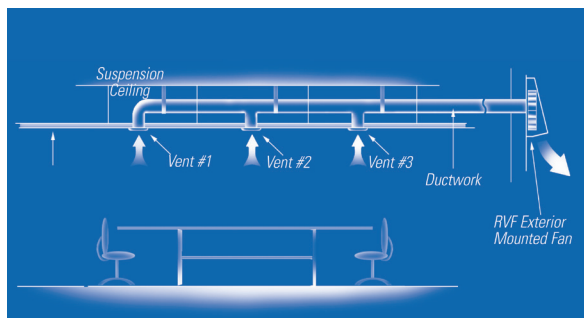


Fantech, Inc. certifies that the RVF 10, RVF 10L, RVF 10XL models and all EC models shown herein are licensed to bear the AMCA Seal. The ratings are based on the tests and procedures performed in accordance with AMCA Publication 211 and comply with the requirements of the AMCA Certified Ratings Program. Performance certified is for installation type C-Ducted inlet, Free outlet. Performance ratings do not include the effects of appurtenances (accessories).

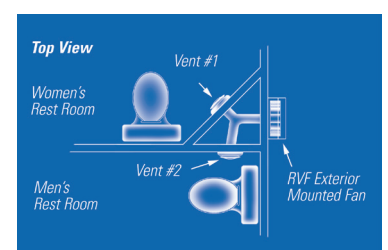
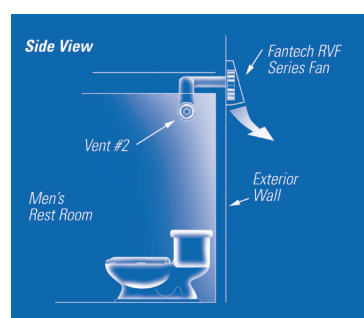


Applications

Conference room application



Dual bath application



Specification Data

Model	Rated power	Voltage / phase	Max amps	RPM	0.1" P _s	0.2" P _s	0.4" P _s	0.6" P _s	0.8" P _s	1.0" P _s	1.5" P _s	Shipping weight	
	W	V / ~	A	min ⁻¹	cfm							lbs	kg
RVF 4 ¹	19	120/1	0.17	3060	120	112	83	37	-	-	-	8	4
RVF 4XL ¹	92	120/1	0.84	2700	180	172	154	136	118	91	-	10	5
RVF 6 ¹	92	120/1	0.84	2550	220	204	177	150	123	68	-	10	5
RVF 6XL ¹	149	120/1	1.46	3000	360	346	315	285	258	213	64	14	6
RVF 8XL ¹	151	120/1	1.42	2900	410	392	348	312	282	235	102	14	6

Per HVI's Certified rating program, charted air flow performance has been derated by a factor based on actual test results and the certified rate at 0.2 inches WG.
 1)HVI and cCSAus safety certified.

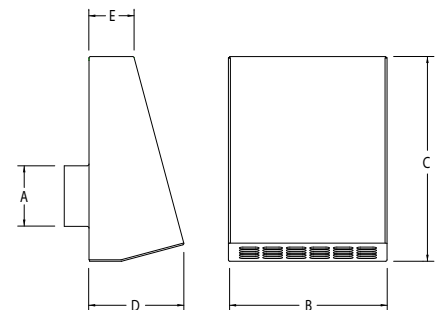
Model	Rated power	Voltage / phase	Max amps	RPM	0.1" P _s	0.2" P _s	0.4" P _s	0.6" P _s	0.8" P _s	1.0" P _s	1.5" P _s	Shipping weight	
	W	V / ~	A	min ⁻¹	cfm							lbs	kg
RVF 10 ²	112	120/1	0.94	1500	760	720	630	520	400	270	-	31	14
RVF 10L ²	211	120/1	2.10	1700	1020	985	920	850	770	670	269	36	16
RVF 10XL ²	312	120/1	2.61	1600	1222	1180	1095	996	900	800	485	36	16
RVF 4XL EC ²	80	120/1	1.51	3400	225	220	209	190	170	155	108	8	4
RVF 6XL EC ²	61	120/1	1.21	2700	380	362	328	284	244	208	95	20	9
RVF 8XL EC ²	85	120/1	1.56	2400	492	470	433	392	348	290	160	20	9
RVF 10 EC ²	130	120/1	2.22	1700	862	830	766	698	611	505	100	31	14

RVF Series performance is shown with ducted inlet. Performance certified is for installation type C-Ducted Inlet, Free Outlet. Performance ratings do not include the effects of appurtenances (accessories). This product is not UL listed for dryer exhaust. Speed (RPM) is nominal. Performance is based on actual speed of test. This product is not UL listed for dryer exhaust.
 2)AMCA performance and cULus safety certified

Dimensions

Model	A†	B	C	D	E
RVF 4	4 (102)	10 1/4 (260)	13 (330)	6 (152)	2 3/4 (70)
RVF 4XL / RVF 4XL EC	4 (102)	10 1/4 (260)	13 (330)	6 (152)	2 3/4 (70)
RVF 6	6 (152)	10 1/4 (260)	13 (330)	6 (152)	2 3/4 (70)
RVF 6XL / RVF 6XL EC	6 (152)	14 1/4 (362)	17 (431)	6 (152)	2 3/4 (70) / 4 7/8 (124)
RVF 8XL / RVF 8XL EC	8 (203)	14 1/4 (362)	17 (431)	6 (152)	2 3/4 (70) / 4 7/8 (124)
RVF 10 / RVF 10 EC	10 (254)	17 7/8 (454)	21 1/4 (540)	10 (254)	5 7/8 (149)
RVF 10L	10 (254)	17 7/8 (454)	21 1/4 (540)	10 (254)	5 7/8 (149)
RVF 10XL	10 (254)	17 7/8 (454)	21 1/4 (540)	10 (254)	5 7/8 (149)

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



Accessories



FC
Mounting Clamps



FTD 7
7 Day Timer



FH 20
Dehumidistat



SCD²
Speed Control



WC 15²
Speed Control



MTP 10¹
Speed Control

¹ for EC models only
² for AC models only

Customer Support: 🇨🇦

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Fantech reserves the right to modify, at any time and without notice, any or all of its products' features, designs, components and specifications to maintain their technological leadership position.



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