![fantech® a systemair company]

RE(C) Series
Exterior Roof/Wall Centrifugal Fans

Fantech's RE/REC Series direct drive centrifugal fans provide an excellent solution for residential or commercial ventilation applications where the fan must be mounted on the exterior of the building. Two base styles are available: RE models with a flat base for direct flashing to the roof or REC models with flanged base for curb mounting. RE models can also be mounted on an exterior wall when roof access is not suitable.

With duct diameters from 4" to 10" (102 to 254 mm), air performance from 116 to 1008 CFM, and 100% speed controllability, these multi-purpose fans can be used to move air from one or more venting points. Interior noise is not an issue because the fan motor is located outside the building envelope.

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.
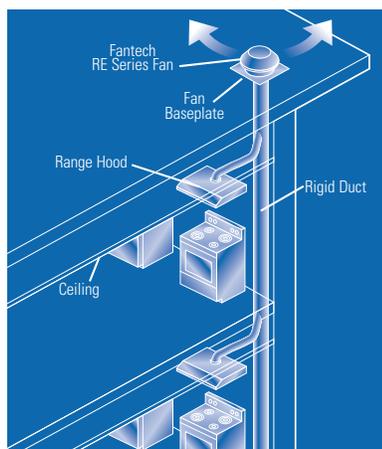
Features and Benefits

- 116 to 1008 CFM
- 4" to 10" (102 to 254 mm) duct diameters
- 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
- Excellent heat dissipation, ensuring long motor life

- 100% speed controllable for highly efficient and economical airflow
- Permanently lubricated sealed ball bearings
- Suitable for airstream temperature of up to 140° F (60° C)
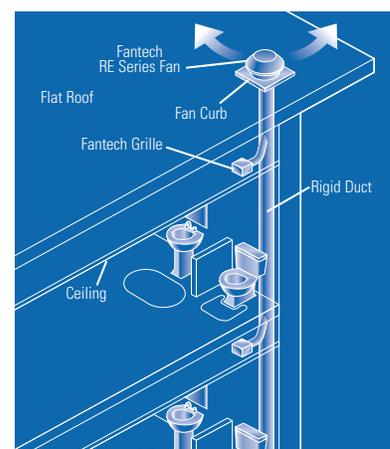- CSA Certified
- 5 year warranty

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.

Applications

Multiple kitchen application

Fantech RE Series Fan
Fan Baseplate
Range Hood
Rigid Duct
Ceiling

Multiple bath application

Fantech RE Series Fan
Flat Roof
Fan Curb
Fantech Grille
Rigid Duct
Ceiling

Specification Data

Model	Rated power	Voltage / phase	Max amps*	RPM	0.0" P$_s$	0.25" P$_s$	0.5" P$_s$	0.75" P$_s$	1.0" P$_s$	1.5" P$_s$	Max P$_s$	Sones[‡]	Shipping weight	
	W	V / ~	A	min^{-1}	cfm						in.wg		lbs	kg
RE 54 / REC 54	19	120/1	0.18	3040	116	92	65	36	1	-	-	3.5*	12/13	5/6
RE 6 / REC 6	87	120/1	0.80	2700	227	199	169	134	106	51	1.84	7.5*	13/14	6
RE 8XL / REC 8XL	153	120/1	1.40	2800	409	356	307	259	212	130	2.23	8.9*	17/19	8/9
RE 10XL / REC 10XL	394	120/1	3.60	3250	753	721	690	656	622	548	4.03	16.4[‡]	30/31	14
RE 10XLT / REC 10XLT	531	120/1	4.86	2950	1008	949	890	831	766	609	3.17	21.0[‡]	34/35	15/16

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 (accessories).
[†]The sound ratings shown are loudness values in fan sones at 5 ft. (1.5m) in hemispherical free field calculated per AMCA Standard 301. Values shown are for installation type A: free inlet hemispherical fan sone levels.
* Sone value shown was calculated at 0.5" (Static Pressure in Inch W.G.)
[‡] Sone value shown was calculated at 0.75" (Static Pressure in Inch W.G.)
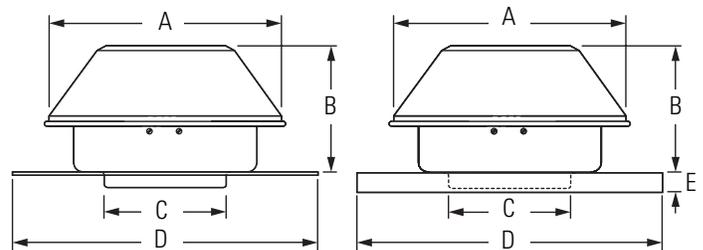
Dimensions

Model	A	B	C	D	E[2]
RE 54 / REC 54[1]	10 $^{15}/_{16}$ (278)	6 (152)	5 (127)	15 $^1/_2$ (394)	1 $^1/_2$ (38)
RE 6 / REC 6	13 $^{15}/_{16}$ (354)	6 $^1/_4$ (159)	6 (152)	15 $^1/_2$ (394)	1 $^1/_2$ (38)
RE 8XL / REC 8 XL	16 $^9/_{16}$ (421)	5 $^{15}/_{16}$ (151)	8 (203)	20 (508)	1 $^1/_2$ (38)
RE 10XL / REC 10XL	20 $^{13}/_{16}$ (529)	11 $^1/_2$ (292)	10 (254)	20 (508)	1 $^1/_2$ (38)
RE 10XLT / REC 10XLT	20 $^{13}/_{16}$ (529)	12 $^{11}/_{16}$ (322)	10 (254)	20 (508)	1 $^1/_2$ (38)

All dimensions in inches (mm). Male duct connector is 1/8" smaller than duct size.
[1] Supplied with 5" to 4" reducer
[2] For REC models only

Accessories

RSK
Backdraft Damper

FC
Mounting Clamps

LD
Silencer

RC
Roof Cap

HL
Hood Liner

FTD 7
7 Day Timer

FH 20
Dehumidistat

FAT 10
Thermostat

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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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