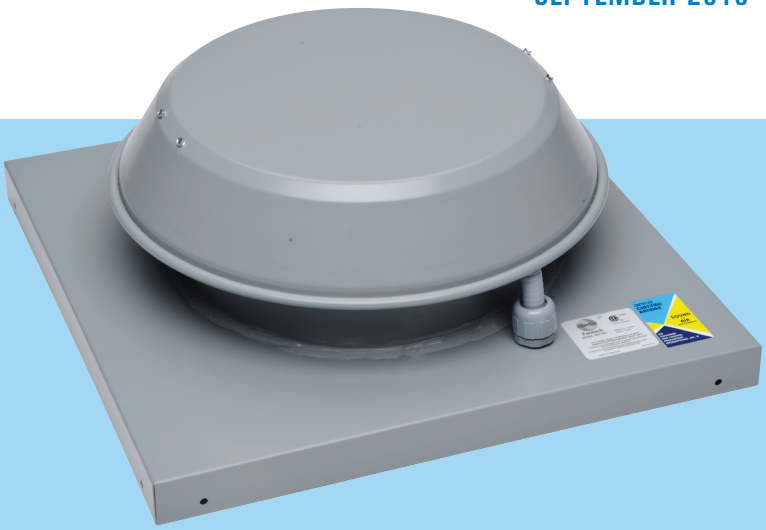
Fantech

SEPTEMBER 2010

RE(C) SERIES

EXTERIOR ROOF/WALL CENTRIFUGAL FANS



Low Profile Design

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", 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.

AMCA CERTIFIED RATINGS — SOUND AND AIR PERFORMANCE — AIR MOVEMENT AND CONTROL ASSOCIATION, INC.

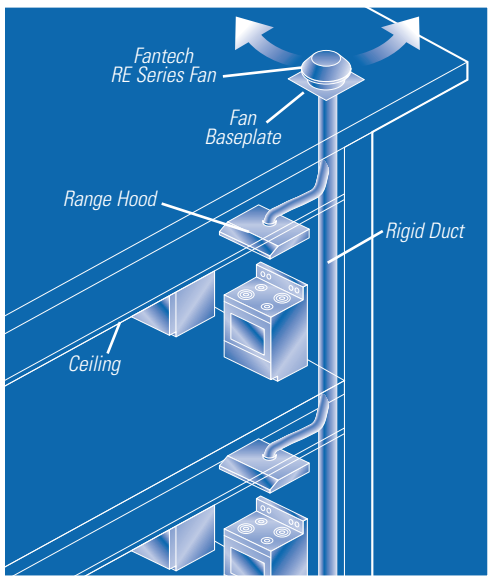
Fantech, Inc. and Systemair, Inc. certify that the RE & REC Series shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 311 and comply with the requirements of the AMCA Certified Ratings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

C US

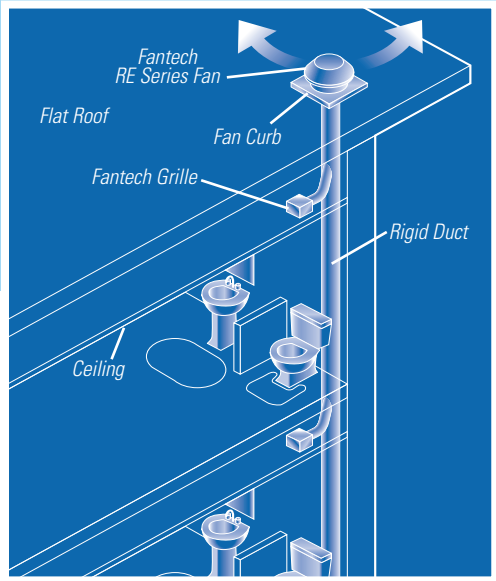
FIVE YEAR WARRANTY

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.



MULTIPLE KITCHEN APPLICATION



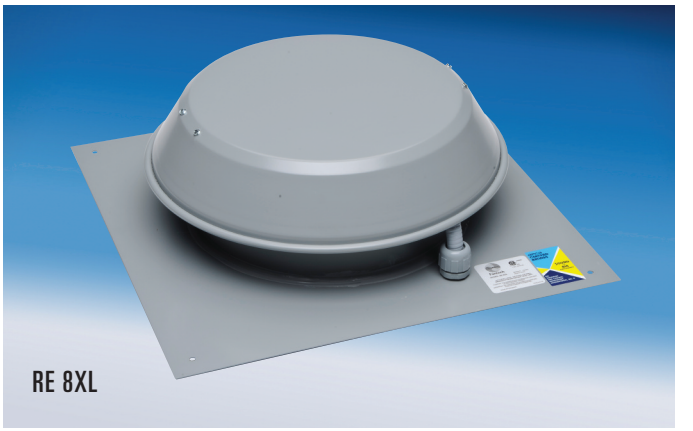
MULTIPLE BATH APPLICATION

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 controllable for highly efficient and economical airflow
- Excellent heat dissipation for long motor life
- Suitable for airstream temperatures of up to 140° F
- CSA Certified
- Five-year warranty

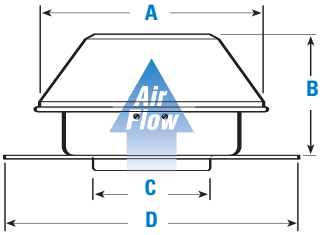
RE(C) SERIES

ROOF/WALL MOUNTED CENTRIFUGAL FANS

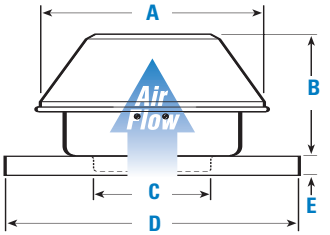


DIMENSIONAL DATA

RE Series – Side View



REC Series – Side View



Model	A†	B	C	D	E
RE 54**	10 15/16	6	5	15 1/2	—
REC 54**	10 15/16	6	5	15 1/2	1½
RE 6	13 15/16	6 1/4	6	15 1/2	—
REC 6	13 15/16	6 1/4	6	15 1/2	1½
RE 8XL	16 9/16	5 15/16	8	20	—
REC 8XL	16 9/16	5 15/16	8	20	1½
RE 10XL	20 13/16	11 1/2	10	20	—
REC 10XL	20 13/16	11 1/2	10	20	1½
RE 10XLT	20 13/16	12 11/16	10	20	—
REC 10XLT	20 13/16	12 11/16	10	20	1½

All dimensions in inches.

† Male duct connector is 1/8" smaller than duct size.

*** Supplied with 5" to 4" reducer*

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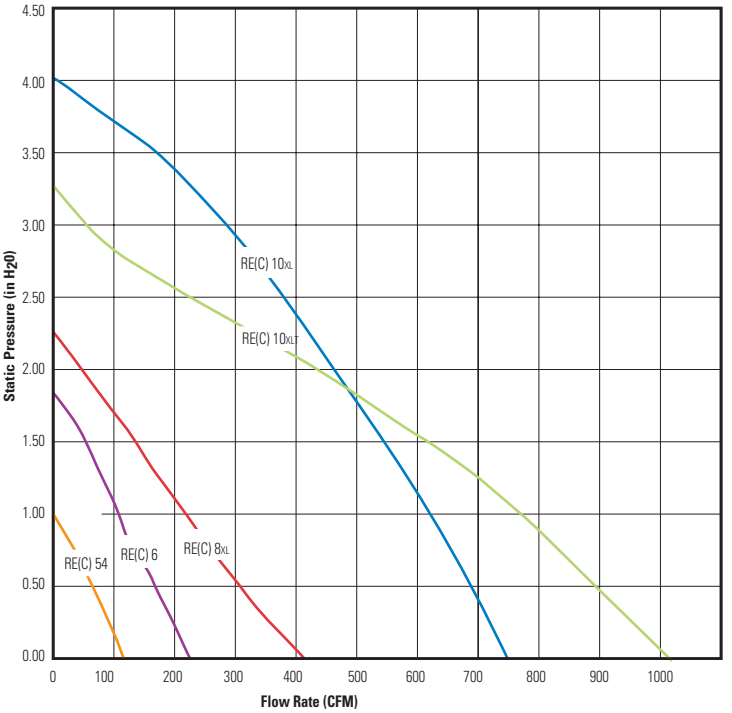
AIR PERFORMANCE GRAPH



PERFORMANCE DATA (For sound performance data refer to publication RE(C)-1010.)

Fan Model	RPM	Voltage	Rated Watts	Max. Amps	Static Pressure in Inches W.G. 0"	0.125"	0.25"	0.375"	0.5"	0.75"	1.0"	1.25"	1.5"	2.0"	2.5"	Max. Ps	Duct Dim.	Sones†
RE 54	3040	115	19	0.18	116	105	92	79	65	36	1	—	—	—	—	—	4"	*3.5
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	1.40	409	382	356	331	307	259	212	170	130	43	—	2.23"	8"	*8.9
RE 10XL	3250	115	394	3.60	753	738	721	705	690	656	622	586	548	467	383	4.03"	10"	‡16.4
RE 10XLT	2950	115	531	4.86	1008	979	949	919	890	831	766	695	609	429	217	3.17"	10"	‡21.0

Performance certified 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 5ft. (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 inches W.G.).*

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

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