

RE (C) Series

Exterior Roof/Wall Centrifugal Fans

Description

RE Series centrifugal type roof exhausters suitable for residential or light commercial applications. Fans are designed for easy installation and can be mounted in any angle. RE Series fans are approved for use as remote mount exhausters with residential range hoods. Motors are capable of operating in air stream temperatures of up to 140^o F. Fans are provided with either a flat base (RE Models) for flashing on pitched/shingle roofs and vertical walls or with a flanged base (REC Models) for curb mounting. All units are 100% speed controllable through a decrease in voltage using either a solid state or transformer type speed control. RE(C) exhausters can be supplied with optional equipment including, duct mounting clamps, backdraft dampers, etc. All units are backed by Fantech's Five Year Warranty.

Guide Specifications for Model RE (C) Exterior Roof/Wall Centrifugal Fans

Roof/wall exhaust fans shall be of the centrifugal, direct driven type.

Construction

Housing

- Fan housing shall be constructed of heavy gauge galvanized sheet metal with grey baked enamel finish.
- Fan base shall be permanently mounted to roof or vertical wall (flat flashing base) or to a curb (flanged base).
- A conduit chase shall be provided for running electrical wiring through the base into the fan terminal box.

Motor

- Motorized impeller shall be an external rotor type, with permanent split capacitor. Motor shall be a permanently sealed self lubricating ball bearing type.
- Motor shall be equipped with automatic reset thermal overload protection.
- Motor shall be acceptable for continuous duty.
- Sufficient service factor shall be provided to ensure long maintenance free operation over maximum load conditions.

Wheel

- Fan wheel shall be of the backward inclined centrifugal type with a well designed inlet venturi for maximum performance.
- Motorized impeller shall be both statically and dynamically balanced as one integral unit to provide for vibration free performance.

Performance

- Fan air flow performance shall be based upon test conducted in accordance with AMCA Standard 211 and 311 and shall be licensed to bear the AMCA Certified Ratings Label.

Code Approval

- Fan shall be tested and approved by UL and CSA (or equal) for safety.

RE (C) Series shall be manufactured under the authority of Fantech Inc., Bouctouche, NB, Canada.