

RVF Series

Exterior-Mount Fan

Description

Centrifugal type wall mount exhausters suitable for residential or light commercial applications. Fans are designed for easy installation. RVF Series fans are approved for use as remote mount exhausters with residential range hoods. Motors are capable of operating in air stream temperature of up to 140o F. All units are 100% speed controllable through a decrease in voltage using either a solid state or transformer type speed control. RVF exhausters can be supplied with optional equipment including integral disconnect switch, duct mounting clamps, backdraft dampers, etc. All units are backed by Fantech's Five Year Warranty.

Guide Specifications for Model RVF Exterior-Mount Fan

Construction

Housing

- Wall mount exhaust fans shall be of the centrifugal, direct driven type.
- Fan housing shall be constructed of heavy gauge galvanized sheet metal with a white baked enamel finish.
- Wall mount backplate shall be provided with a gasket seal to prevent leakage and to isolate vibration.
- Discharge cover shall be easily removable for mounting and/or service of the fan.
- Pre-wired internal terminal box shall be provided for electrical connection.

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 performance shall be based on tests conducted in accordance with HVI and certified by HVI.

Code Approval

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

RVF Series shall be manufactured under the authority of Fantech, Inc., Lenexa, KS.