



Ventilation Fans

FV-10VE2 Intelli-Balance Temperate Climate 50-60-70-80-90-100 ERV

Architectural Specifications:

ERV shall be ceiling or wall mount type with built-in speed selectors for both Supply and Exhaust air. Select from 50/60/70/80/90/100 CFM. ERV shall have 100 Net CFM on the exhaust ports and 100 Net CFM on the supply ports as tested in accordance with HVI 915 and 916 standards at 0.1 static pressure in inches water gauge. ERV shall have 100 Net CFM on the exhaust ports and Net 100 CFM on the supply ports at 0.4" w.g. static pressure. ERV shall have Hi/Lo Speed Occupant Controlled Boost Capability. Power consumption shall be no greater than 81 watts at 0.1" w.g. and 100 watts at 0.4" w.g. static pressure. Apparent Sensible Effectiveness for heating shall be no less than 84% at 53 CFM net air flow under 32°F (0°C) as tested in accordance with CSA-C439. Total Recovery Efficiency for cooling shall be no less than 60% at 49 CFM net air flow under 95°F (35°C). The supply port damper shall close when outdoor temperatures are < 14°F (-10°C) to prevent freezing of the core. The (2) motors shall be totally enclosed DC brushless motors rated for continuous run. DC motor speed shall automatically increase when the fan senses static pressure to maintain selected CFM. ERV shall incorporate an ASHRAE 62.2 Intermittent Timing function for code compliance. ERV shall have standby/low speed to high speed control airflow capability as desired by occupant. Power rating shall be 120v/60Hz. Duct diameters shall be no less than 4". ERV can be used to comply with ASHRAE 62.2, LEED, IAP, California Title-24, and WA Energy Code