Energy Recovery Ventilator (ERV)

FV-06VE1 WhisperComfort® 60 ERV

Architectural Specifications:

ERV shall be ceiling or wall mount type with built-in speed selectors for both Supply and Exhaust air, select from 20/30/40/50 CFM. ERV shall have 60 CFM gross exhaust airflow and 60 CFM net supply airflow at 0.1" w.g. in accordance with HVI 916 standards. ERV shall be 2.5 sones or less at 60 CFM in accordance with HVI 915 standards.
ERV shall have Hi/Lo Speed Occupant Controlled Boost Capability. Power consumption shall be no greater than 39 watts at 0.1" w.g. static pressure. Sensible Recovery Efficiency for heating shall be no less than 70% at 20 CFM net air flow at 0°C (32°F) as tested in accordance with CSA C439-18. Total Recovery Efficiency for cooling shall be no less than 60% at 27 CFM net air flow under 35°C [95°F]. The supply port damper shall close when outdoor temperatures are < -10°C [14°F) to prevent freezing of the core. The (2) motors shall be totally enclosed DC brushless motors rated for continuous run. 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 Credits.