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Mississauga, Ontario, Canada
L5J 4S8

ERV LCD WALL CONTROL

This wall unit for an Energy Recovery Ventilator (ERV) system is designed to enhance indoor air quality, humidity control, and energy efficiency in residential buildings. It automatically triggers defrost mode when the fresh air intake temperature falls below -3°C . The unit also features fan balancing, allowing manual adjustment of motor RPMs to prevent house depressurization.

APPLICATION

North American ERV/HRV ventilation system for residential and commercial Buildings. Mount directly onto drywall.



FEATURES

Connected with the ERV's main control board, the unit features:

- On/Off feature, to power the ERV unit on or off
- Mode – 20/40/60 minutes of ventilation per hour
- 3 fan speed settings (low, medium, and high) by controlling the RPM of the EC motors
- Once the speed is set, this is the fan speed for the mode above
- Timer sets the ERV to run at the high speed for the selected number of minutes.
- Defrost mode when the temperature drops below the set-point
- Balancing mode user interface
- Ventilation turns on automatically when humidity is above the set-point