

Job Name/Location:

Tag #:

Date: _____

PO No.: _____

Architect: _____

Engr: _____

Rep: _____

(Company) _____ (Project Manager) _____

For: File Resubmit
 Approval Other _____

GC: _____

Mech: _____



ARVU063CDA0
Energy Recovery Ventilator (ERV)

Performance:

| | |
|------------------------|-----|
| Nominal Capacity (CFM) | 589 |
| Power Input SH (W) | 475 |

Capacities are in accordance with AHRI Standard 1060.

Heat Exchanger Data:

| | |
|-------------------------------------|-----------------------|
| Air-to-Air Heat Exchanger | Cross flow fixed core |
| Quantity | 1 |
| Temperature Exchange Efficiency (%) | |
| Cooling (fan speed SH) | 62 |
| Heating (fan speed SH) | 62 |
| Enthalpy Exchange Efficiency (%) | |
| Cooling (fan speed SH) | 40 |
| Heating (fan speed SH) | 46 |

Electrical:

| | |
|-----------------------|--------------|
| Power Supply (V/Hz/∅) | 208-230/60/1 |
| Rated Amps SH (A) | 3.0 |

Controls Features:

Stand Alone Mode:

- Can be operated independently

Ventilation Heat Exchange Mode:

- Draws outdoor air and indoor exhaust air across air-to-air heat exchanger

Ventilation Normal (Bypass) Mode:

- Controls by-pass damper to bypass air-to-air heat exchanger and draw in untempered outdoor air

Operating Range:

| | |
|-----------------------------|--------|
| Outdoor Temperature (°F DB) | 14-113 |
|-----------------------------|--------|

Unit Data:

| | |
|-----------------------------|--------------------|
| Sound Pressure SH/H/L dB(A) | 40 / 36 / 29 |
| Filter | MERV 5 and MERV 13 |
| Quantity | 2 |
| Net Unit Weight (lbs) | 120 |
| Shipping Weight (lbs) | 142 |

Fan:

| | |
|---|---------------------------------------|
| Type | Cross Flow |
| Quantity | 2 |
| Motor/Drive | Brushless Digitally Controlled/Direct |
| Airflow Rate SH/H/L (CFM) | 589 / 471 / 353 |
| External Static Pressure SH/H/L (in wg) | 0.60 / 0.39 / 0.22 |

Notes:

- 1.SH = super high speed, H = high speed, L= low speed
- 2.All communication cable to be minimum 18 AWG, 2-conductor, stranded, shielded and must comply with applicable local and national code.
- 3.Power wiring cable size must comply with the applicable local and national code.
- 4.Must follow installation instructions in the applicable LG installation manual.



Optional Accessories:

- Deluxe Wired Remote Controller (Black Housing) - PREMTA201
- Deluxe Wired Remote Controller (Black Housing) - PREMTA200
- Standard III Wired Remote Controller (White Housing) - PREMTB101
- Standard III Wired Remote Controller (Black Housing) - PREMTBB11
- PI485 (required for central controller) - PSNFP14A0

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