

Job Name/Location:

Tag No.:

Date:

For: File Resubmit

PO No.:

Approval Other

Architect:

GC:

Engr:

Mech:

Rep:

(Company)

(Project Manager)

ARVU053CDA0

Energy Recovery Ventilator (ERV)

**Performance:**

Nominal Capacity (CFM)	471
Power Input SH (W)	330

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)	64
Heating (fan speed SH)	64
Enthalpy Exchange Efficiency (%)	
Cooling (fan speed SH)	42
Heating (fan speed SH)	49

Electrical:

Power Supply (V/Hz/Ø)	208-230/60/1
Rated Amps SH (A)	2.2

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

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) - PREMTB11
- ☐ PI485 (required for central controller) - PSNFP14A0

Operating Range:

Outdoor Temperature (°F DB)	14 - 113
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Unit Data:

Sound Pressure SH/H/L dB(A)	39 / 34 / 28
Supply Air	
Pre Filter	MERV 8
Dimensions (in)	45-33/64 x 8-23/64 x 15/64
Quantity	1
Filter	MERV 13
Dimensions (in)	22-3/4 x 8-3/8 x 11/16
Quantity	2
Return Air	
Filter	MERV 10
Dimensions (in)	22-3/4 x 8-3/8 x 11/16
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)	471 / 377 / 283
External Static Pressure SH/H/L (in wg)	0.60 / 0.39 / 0.22

Notes:

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



