

Job Name/Location:

Tag No.:

Date:

For: File Resubmit

PO No.:

Approval Other

Architect:

GC:

Engr:

Mech:

Rep:

(Company)

(Project Manager)

ARVU123ZFA2

Energy Recovery Ventilator (ERV)

**Performance:**

Nominal Capacity (CFM)	1180
Power Input SH (W)	930

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)	59
Heating (fan speed SH)	58
Enthalpy Exchange Efficiency (%)	
Cooling (fan speed SH)	34
Heating (fan speed SH)	49

Electrical:

Power Supply (V/Hz/Ø)	208-230/60/1
Rated Amps SH (A)	6.82

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

Operating Range:

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

Unit Data:

Sound Pressure SH/H/L dB(A)	45 / 41 / 35
Filter	
Quantity	4
Net Unit Weight (lbs)	331
Shipping Weight (lbs)	397

Fan:

Type	Cross Flow
Quantity	4
Motor/Drive	Brushless Digitally Controlled/Direct
Airflow Rate SH/H/L (CFM)	1,177 / 1,177 / 942
External Static Pressure SH/H/L (in wg)	0.64 / 0.36 / 0.20

Notes:

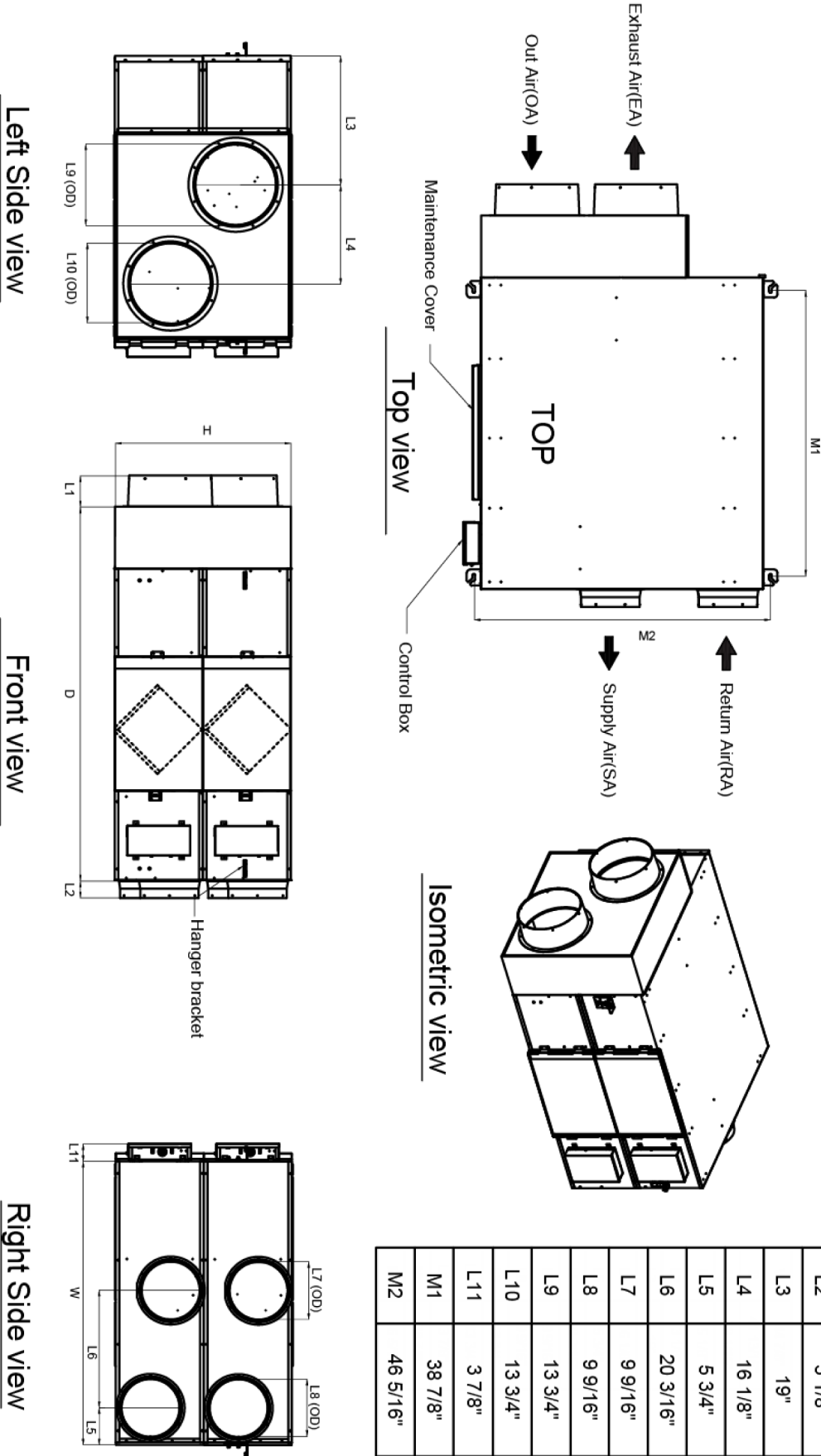
1. SH = super high speed, H = high speed, L = low speed
2. All communication cable to be minimum 18 AWG, 2-conductor, stranded, shielded and must comply with applicable local and national code.
3. Power wiring cable size must comply with the applicable local and national code.
4. Must follow installation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



ARVU123ZFA2
Energy Recovery Ventilator (ERV)



Tag No.: _____
Date: _____
PO No.: _____



W	44 7/8"
D	41 13/16"
H	29 1/16"
L1	5 1/8"
L2	3 1/8"
L3	19"
L4	16 1/8"
L5	5 3/4"
L6	20 3/16"
L7	9 9/16"
L8	9 9/16"
L9	13 3/4"
L10	13 3/4"
L11	3 7/8"
M1	38 7/8"
M2	46 5/16"