

Job Name/Location:

Tag #:

Date:

For: File Resubmit

PO No.:

Approval Other _____

Architect:

GC:

Engr:

Mech:

Rep:

(Company)

(Project Manager)



ARVU053ZEA2
Energy Recovery Ventilator (ERV)



Performance:

Nominal Capacity (CFM)	470
Power Input SH (W)	360

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)	61
Enthalpy Exchange Efficiency (%)	
Cooling (fan speed SH)	37
Heating (fan speed SH)	52

Electrical:

Power Supply (V/Hz/∅)	208-230/60/1
Rated Amps SH (A)	2.8

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:

- LG Programmable Thermostat - PREMTB10U
- 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)	40/37/31
Filter	Washable
Quantity	2
Net Unit Weight (lbs)	148
Shipping Weight (lbs)	177

Fan:

Type	Cross Flow
Quantity	2
Motor/Drive	Brushless Digitally Controlled/Direct
Airflow Rate SH/H/L (CFM)	471/471/388
External Static Pressure SH/H/L (in wg)	0.80/0.44/0.24

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.



ARVU053ZE2

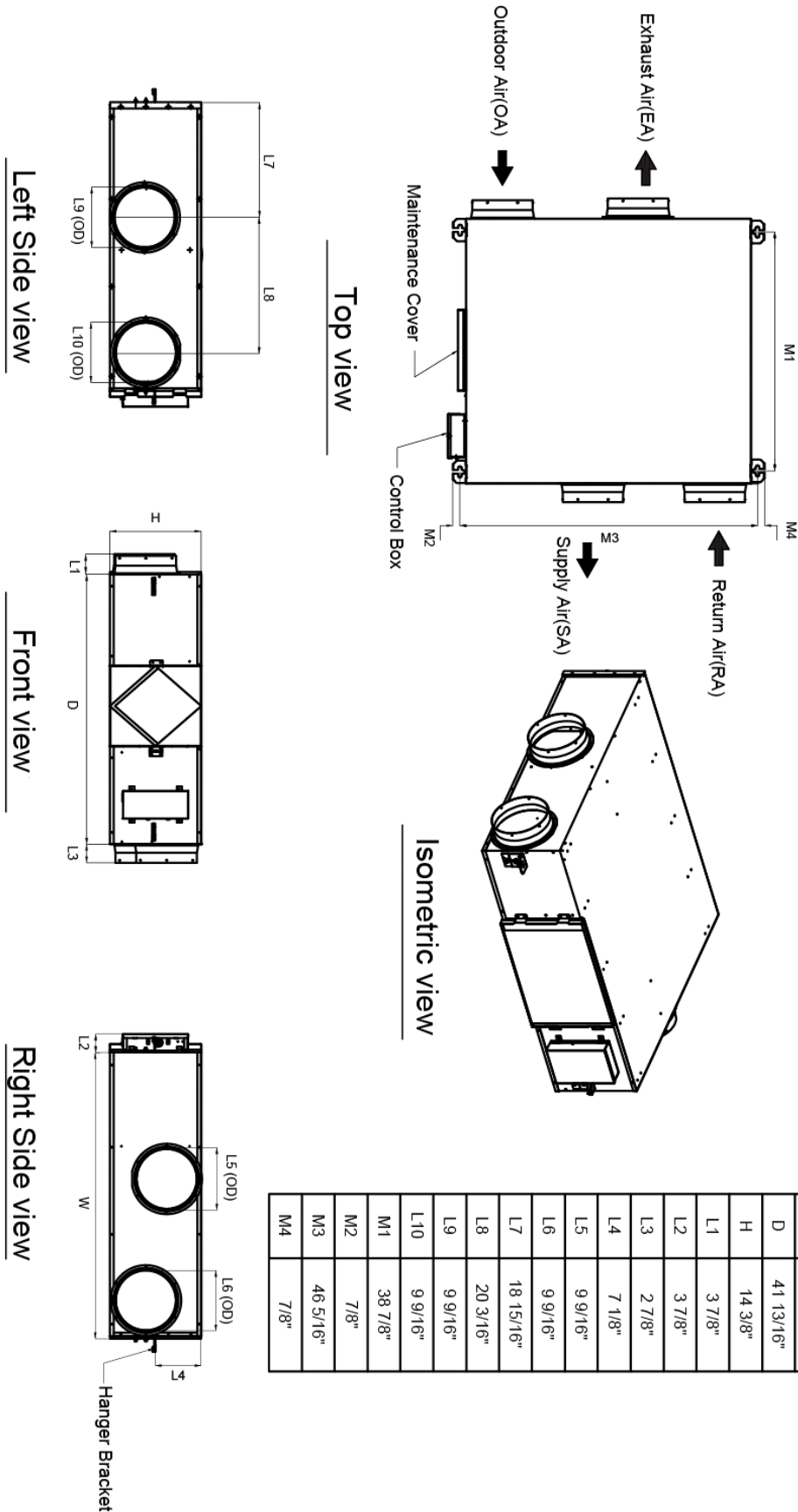
Energy Recovery Ventilator (ERV)



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W	44 7/8"
D	41 13/16"
H	14 3/8"
L1	3 7/8"
L2	3 7/8"
L3	2 7/8"
L4	7 1/8"
L5	9 9/16"
L6	9 9/16"
L7	18 15/16"
L8	20 3/16"
L9	9 9/16"
L10	9 9/16"
M1	38 7/8"
M2	7/8"
M3	46 5/16"
M4	7/8"