

Job Name/Location:

Tag #:

Date:

For:  File  Resubmit

PO No.:

Approval  Other \_\_\_\_\_

Architect:

GC:

Engr:

Mech:

Rep:

(Company)

(Project Manager)



**ARVU063ZEA2**  
Energy Recovery Ventilator (ERV)



**Performance:**

Nominal Capacity (CFM)	590
Power Input SH (W)	470

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/∅)	208-230/60/1
Rated Amps SH (A)	3.44

**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)	41/39/33
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)	589/589/471
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.



# ARVU063ZE2

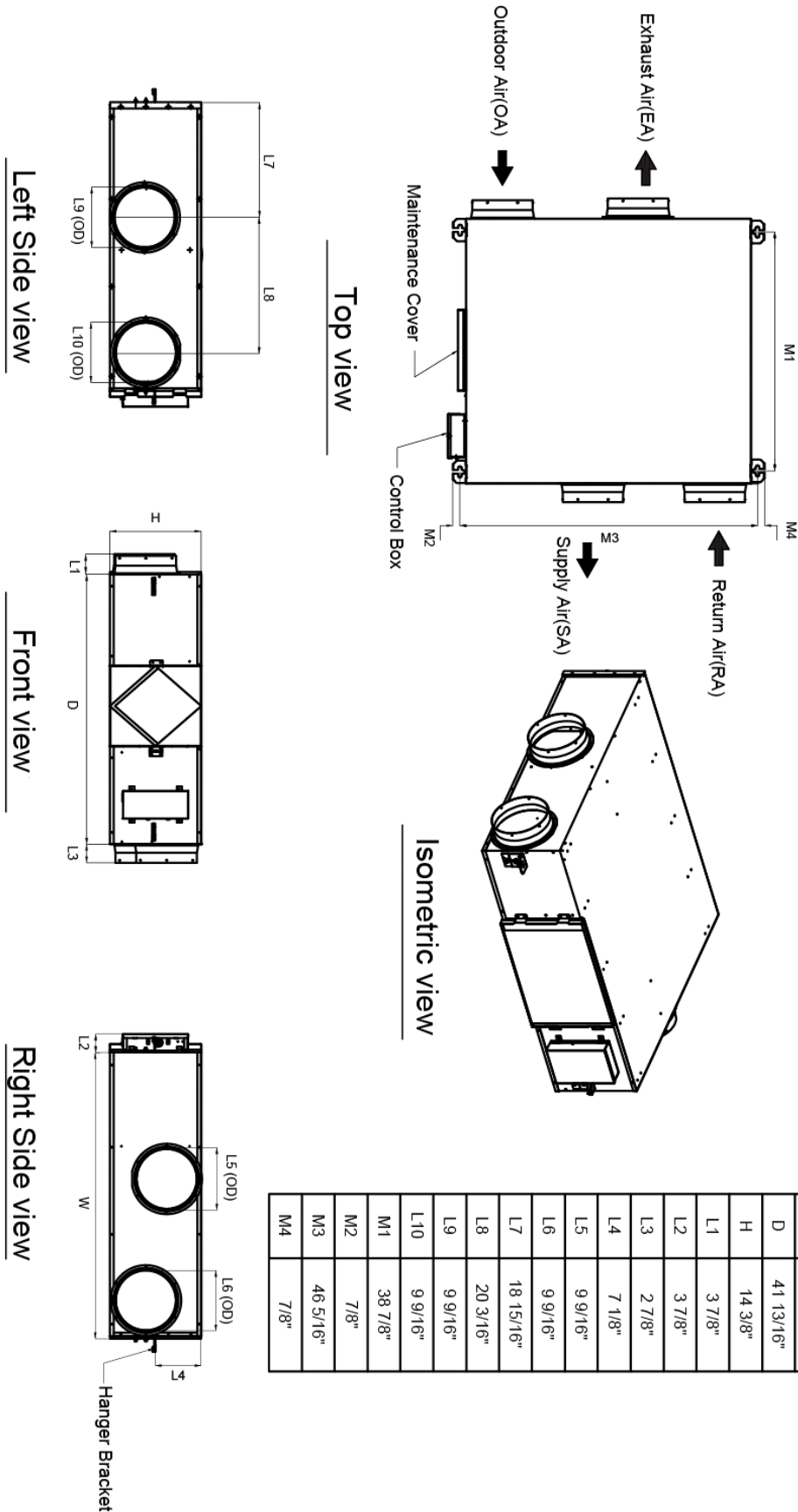
## Energy Recovery Ventilator (ERV)



Tag #:

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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"