# LGH-F940RVX2-E
## ENERGY RECOVERY VENTILATION

Job Name:

System Reference: Date:



GENERAL FEATURES

- Lossnay® cross-flow energy recovery core
- Minimal cross contamination between entering and leaving air streams
- Stand-alone remote controller (PZ-62DR-EA)
- M-NET Connectivity
- External input bypass damper control
- Stand alone or interlocks connects with all Mitsubishi Electric products
- Four fan speeds
- High efficiency DC Motor
- Standard MERV 7 non-woven fabric filter, washable fiber
- Optional high-efficiency MERV 14 and MERV 16 filters

| Specifications | | | System |
|---|---|---|---|
| Unit Type | | | LGH-F940RVX2-E |
| Capacity | | CFM [m³/h] | 940 [1,597] |
| Power source | | Voltage, Phase, Hertz | 208/230V, 1-phase, 60 Hz |
| Power Consumption | | kW | 0.44 - 0.85 |
| Current | | A | 0.094 - 0.22 |
| Starting Current | | A | 12.2 |
| MCA | | A | 10.1 |
| Maximum Overcurrent Protection (MOCP) | | A | 15 |
| Fan | Air Volume | CFM [m³/h] | 235-470-705-940 [399-799-1,198-1,597] |
| | External Static pressure | in.WG | 0.06–0.25–0.56–1.0 |
| Exchange Efficiency | Temperature | % | 84.5-77.5-73-69 |
| | Enthalpy Cooling | % | 72.0-64.0- 57.0- 51.0 |
| | Enthalpy Heating | % | 83.0-75.0-69.0-64.0 |
| External Finish | | | Galvanized steel sheet |
| External Dimensions | | In. [mm] | 41-9/64 x 49-15/16 x 31-13/16 [1,045 x 1,267 x 808] |
| Net weight | | Lbs [kg] | 225 [102] |
| Energy Transfer Mechanism | | | Lossnay® Core |
| Heat Exchange Material | | | Partition, spacing plate-cellulose fiber membrane |
| Heat Exchange System | | | Air-to-air total heat (sensible heat + latent heat) exchange, no moving parts |
| Blower Type | | | 8-3/4 In. diameter centrifugal fan |
| Motor Type | | | EC Motor |
| Entering Air Temperature Operation Range | | °F [°C] | 14 to 104 [-10 to 40] |
| Sound pressure level | | dB(A) | 20.0–28.0–36.0-43.0 |

Specifications are subject to change without notice.

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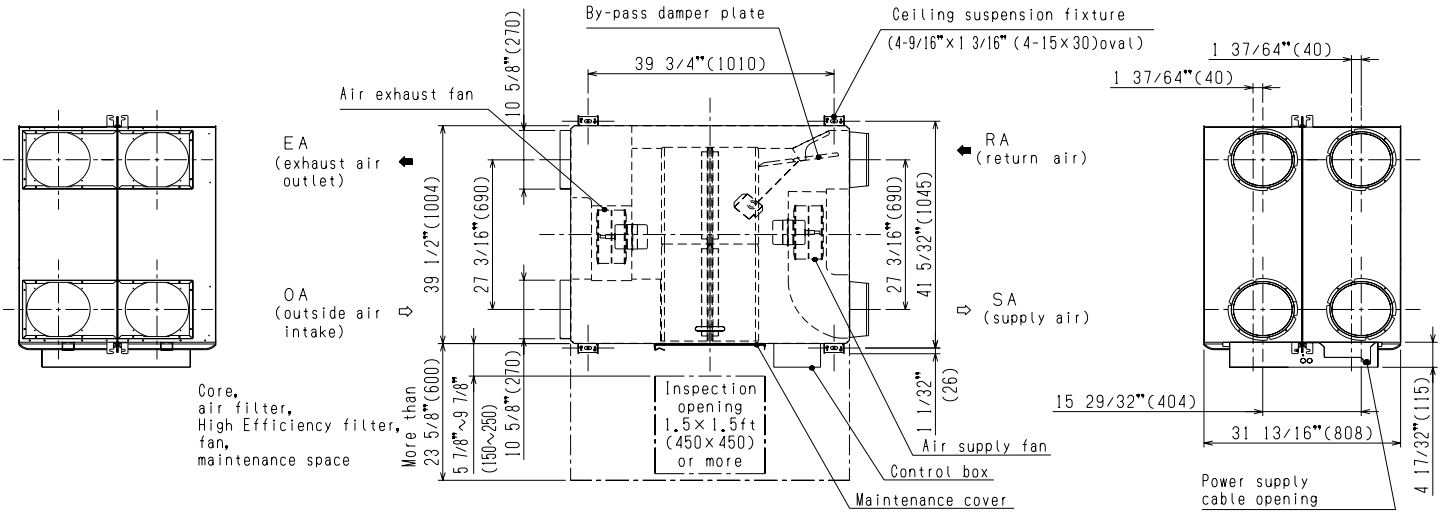
# ACCESSORIES: LGH-F940RVX2-E

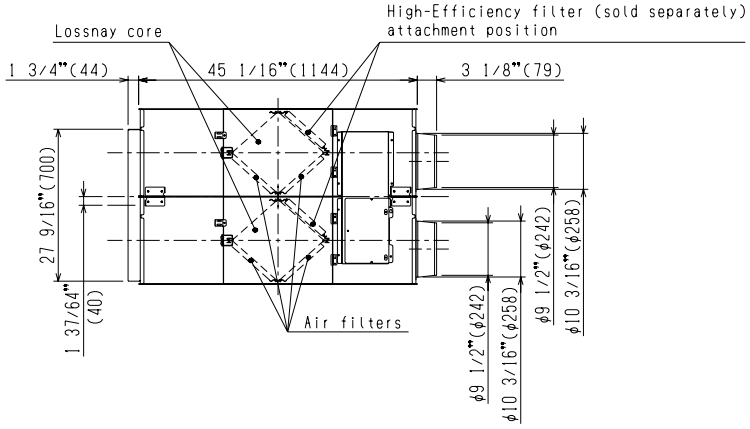
| | | |
|---|---|---|
| Wired Remote Controller | Lossnay® ERV Remote Controller | ☐ PZ-62DR-EA |
| Control Interface | Signal Output Terminal | ☐ PZ-4GS-E |
| Duct Accessories | Duct Silencer | ☐ PZ-250SS-E |
| Filter | MERV 14 Filter | ☐ PZ-80RFP-E (two pieces are required) |
| | MERV 16 Filter | ☐ PZ-80RFP2-E (two pieces are required) |
| | MERV 7 Filter (Included) | ☐ PZ-80RF9-E (two pieces are required) |
| Remote Sensor | CO2 Sensor, Built-In | ☐ PZ-70CSB-E |
| | CO2 Sensor, Wall Mount | ☐ PZ-70CSW-E |

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# DIMENSIONS: LGH-F940RVX2-E




| | UNIT | SCALE |
|---|---|---|
| | inch(mm) | N.T.S |


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FORM# LGH-F940RVX2-E - 202304



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