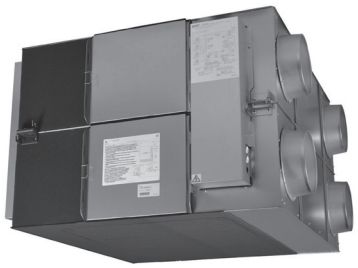
Model: LGH-F1200RX5-E1

Job Name:	
System Reference:	Date:

ENERGY RECOVERY VENTILATOR



GENERAL FEATURES

- Lossnay® cross-flow energy recovery core
- Minimal cross contamination (<1% overall) between entering and leaving air streams
- Stand-alone control
- M-NET
- External input bypass damper control
- Stand alone or interlocks with all Mitsubishi product

SPECIFICATIONS

Capacity. . . . . .1200 CFM / 34 m^3/min

Power
Power Source. . . . . .208 - 230V, 1-Phase, 60 Hz
Power Consumption . . . . . 0.639 - 1.303 kW
Current . . . . . .3.1 - 5.8 A
Starting Current . . . . . .10.0 A
Minimum Circuit Ampacity (MCA). . . . . 7.1 A
Maximum Overcurrent Protection (MOCP). . . . . .15 A

Controllers
PZ-60DR Lossnay® Controller: Controls 1-15 Lossnay® units, ON/OFF, Fan Speed, and Vent Mode

Operation Mode
- Heat Recovery
- Bypass
- Auto

Air Volume
(fan speed: low - high - extra high)
@ 208V . . . . . 695 - 1012 - 1200 CFM
@ 230V . . . . . 824 - 1200 - 1200 CFM

Temperature recovery efficiency
(fan speed: low - high - extra high)
@ 208V . . . . . 75 - 68 - 67%
@ 230V . . . . . 73 - 67 - 67%

Enthalphy recovery efficiency
(fan speed: low - high - extra high)
Heating
@ 208V . . . . . 71 - 65 - 64%
@ 230V . . . . . 68 - 64 - 64%

Cooling
@ 208V . . . . . 59 - 53 - 50%
@ 230V . . . . . 56 - 50 - 50%

External static pressure (In. W.G.)
(fan speed: low - high - extra high)
@ 208V . . . . . 0.20 - 0.43 - 0.43
@ 230V . . . . . 0.20 - 0.43 - 0.75

External Finish . . . . . .Galvanized steel sheet

Dimensions
inches . . . . . 31-7/16 H x 48-1/2 W x 45-1/16 D
mm . . . . . 798 H x 1273 W x 1144 D

Net Weight. . . . . 265 lb / 120 kg

Energy Transfer. . .. . Lossnay® core

Heat Exchange System . . . . . Air-to-air total heat (sensible heat + latent heat) exchange, no moving parts

Heat Exchange Material . . . . . Partition, spacing plate-cellulose fiber membrane

Blower . . . . . 9.625 in. dia. centrigugal fan

Motor . . . . . Totally enclosed capacitor permanent split-phase induction motor, 4 poles, 2 unit

Filter . . . . . Washable fiber (2)

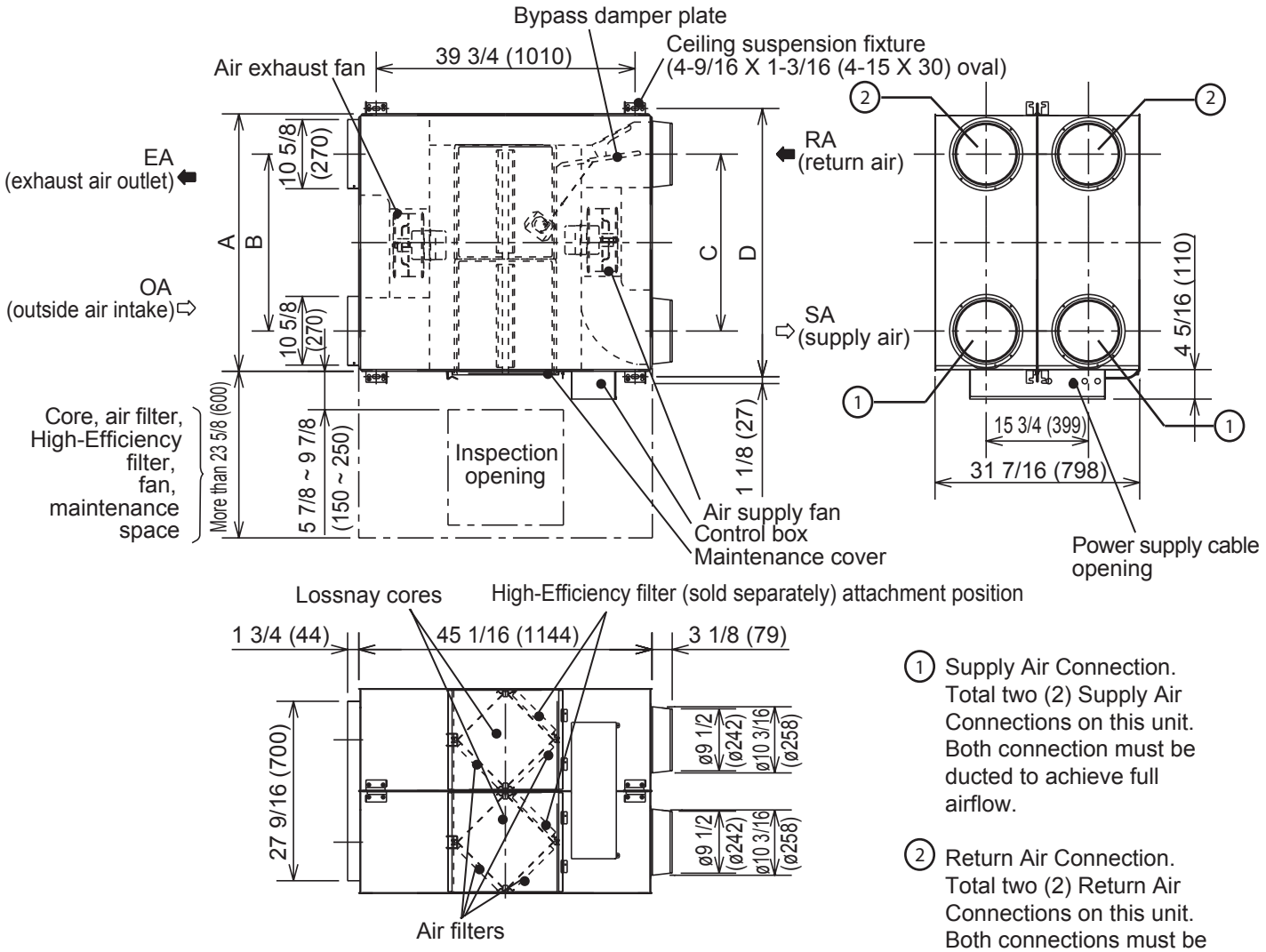
Entering Air Temperature Operation Range
14° F to 104° F (-10° C to 40° C), RH 80% or less

Sound Pressure Level (fan speed: low - high - extra high)
@ 208V . . . . . 29 - 36 - 38 dB (A)
@ 230V . . . . . 32 - 39 - 40.5 dB (A)

Specifications are subject to change without notice.

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Model: LGH-F1200RX5-E1 – DIMENSIONS



① Supply Air Connection. Total two (2) Supply Air Connections on this unit. Both connection must be ducted to achieve full airflow.

② Return Air Connection. Total two (2) Return Air Connections on this unit. Both connections must be ducted to achieve full airflow.

Accessory parts

- Duct connecting flanges x4
- Mounting screws x16
- P-Series - Lossnay connection cable (gray: two wires) x1

Unit: Inch (mm)

Model	A	B	C	D	Weight
LGH-F1200RX5-E1	48 1/2 (1231)	36 1/8 (917)	36 1/8 (917)	50 1/8 (1272)	265 lbs (120 kg)

MITSUBISHI ELECTRIC
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1340 Satellite Boulevard. Suwanee, GA 30024
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FORM# LGH-F1200RX5-E1 - 201609

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