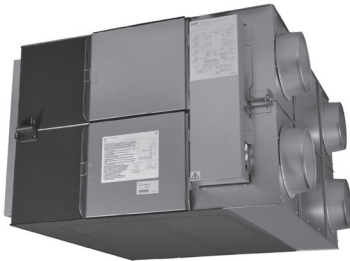


Job Name:

Schedule 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 m³/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%

Enthalpy 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. centrifugal fan

Motor .. Totally enclosed capacitor permanent split-phase 0.52 HP induction motor, 4 poles, 2 units

Filter Washable fiber (2)

Entering Air Temperature Operation Range

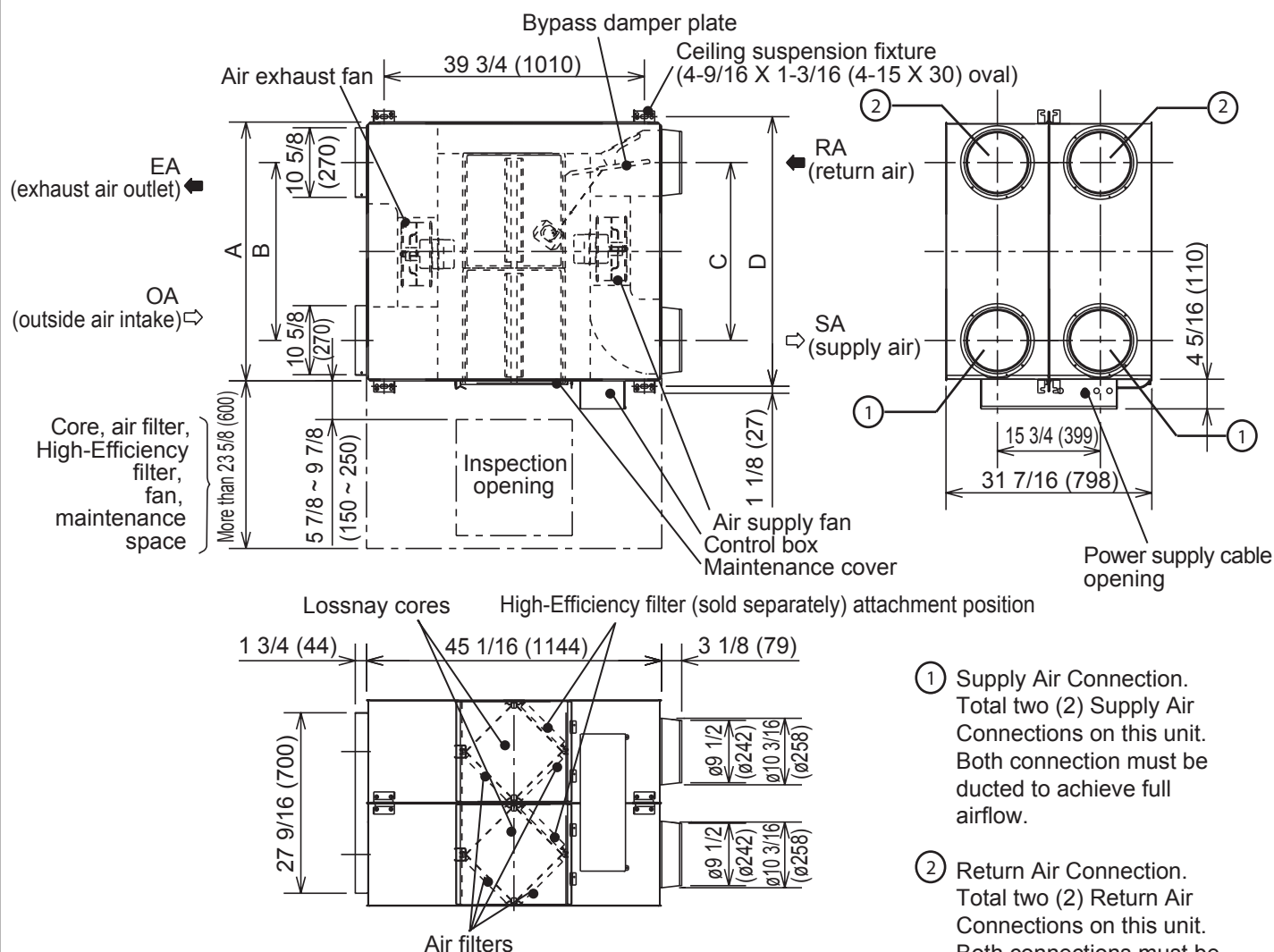
14° F to 104° F (-10° C to 40° C), RH 80% or less

Sound Pressure Level (fan speed: low - high - extra high)

@ 208V 29 - 36 - 38 dB (A)
 @ 230V 32 - 39 - 40.5 dB (A)

Notes:

Model: LGH-F1200RX5-E – 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-E	48 1/2 (1231)	36 1/8 (917)	36 1/8 (917)	50 1/8 (1272)	265 lbs (120 kg)



Intertek



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1340 Satellite Boulevard
Suwanee, GA 30024
Tele: 678-376-2900 • Fax: 800-889-9904
Toll Free: 800-433-4822
www.mehvac.com