Product Information

LGH-150RVXT-E Commercial Series Making a World of Difference



Lossnay Mechanical Ventilation Heat Recovery (MVHR) systems, are designed to supply fresh air into any commercial building whilst simultaneously extracting stale air and, most importantly, recovering valuable heat energy for maximum efficiency

Key Features

- Clean fresh air
- Improved air quality and comfort
- Increased climate control
- Reduced energy bills
- Energy efficient heat recovery
- Low power consumption and SFP's
- Free cooling function
- Total heat exchange (sensible and latent)
- Significantly reduced height



Air Conditioning | Heating Ventilation | Controls

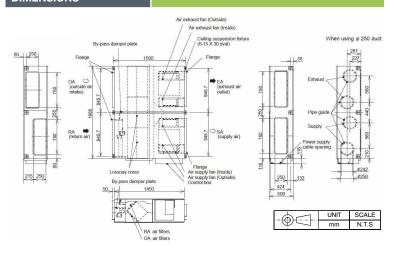
Product Information

LGH-150RVXT-E Commercial Series

Making a World of Difference

| COMMERCIAL MODELS | | LGH-150RVXT-E |
|--|-------------------|----------------|
| ELECTRICAL POWER SUPPLY | | 220-240V, 50Hz |
| RUNNING CURRENT (A) | SP1 | 0.36 |
| | SP2 | 1.10 |
| | SP3 | 2.40 |
| | SP4 | 4.30 |
| INPUT POWER (W) | SP1 | 48 |
| | SP2 | 176 |
| | SP3 | 421 |
| | SP4 | 792 |
| AIRFLOW (m ³ /h) ² | SP1 | 375 |
| | SP2 | 750 |
| | SP3 | 1125 |
| | SP4 | 1500 |
| AIRFLOW (I/s)*2 | SP1 | 104 |
| | SP2 | 208 |
| | SP3 | 313 |
| | SP4 | 417 |
| SPECIFIC FAN POWER (W/(I/s)) | SP1 | 0.46 |
| | SP2 | 0.85 |
| | SP3 | 1.35 |
| | SP4 | 1.90 |
| EXTERNAL STATIC | SP1 | 11 |
| PRESSURE (Pa) | SP2 | 44 |
| | SP3 | 98 |
| | SP4 | 175 |
| SOUND PRESSURE | SP1 | 22 |
| LEVEL (dBA) | SP2 | 29.5 |
| | SP3 | 35.5 |
| | SP4 | 39.5 |
| TEMPERATURE EXCHANGE | SP1 | 81.5 |
| EFFICIENCY (%) | SP2 | 81 |
| | SP3 | 80.5 |
| | SP4 | 80 |
| ENTHALPY Heating | SP1 | 75 |
| EXCHANGE | SP2 | 73 |
| EFFICIENCY | SP3 | 71 |
| (%) | SP4 | 70 |
| Cooling | SP1 | 74 |
| | SP2 | 72 |
| | SP3 | 70 |
| | SP4 | 69 |
| WEIGHT (kg) | 156 | |
| DIMENSIONS (mm) Width x Dep | 1980 x 1500 x 500 | |
| DUCT SIZE (mm) | | 250 x 750 |
| | | |
| STANDARD FILTER | EU-G3 | |
| FUSE RATING (BS88) – HRC (A) | | 10 |
| | | 10 |

DIMENSIONS



REMOTE CONTROLLER PZ-61DR-E



Control up to 15 Lossnay units

- Full-dot backlit LCD screen
- Weekly timer (ability to pre-set air volume requirements at different intervals)
- Night purge function



Notes: Running Current, Input Power and Recovery Efficiency are based on the above airflow rate, power supply 240v, 50Hz. Sound Pressure Level measured at 1.5m under the centre of panel. 1: EU-F7 filter available as optional parts. 12: Airflow tested to Japan industrial standard JIS B 8628. SP1, SP2, SP3 & SP4 relate to the fan speeds of the Lossnay RVM units Le. fanspeed 1, 2, 3 & 4.

Lossnay Housings will be available, please contact Mitsubishi Electric for further information.



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Product Information

LGH-200RVXT-E Commercial Series Making a World of Difference



Lossnay Mechanical Ventilation Heat Recovery (MVHR) systems, are designed to supply fresh air into any commercial building whilst simultaneously extracting stale air and, most importantly, recovering valuable heat energy for maximum efficiency

Key Features

- Clean fresh air
- Improved air quality and comfort
- Increased climate control
- Reduced energy bills
- Energy efficient heat recovery
- Low power consumption and SFP's
- Free cooling function
- Total heat exchange (sensible and latent)
- Significantly reduced height



Air Conditioning | Heating Ventilation | Controls

Product Information

LGH-200RVXT-E Commercial Series

Making a World of Difference

| COMMERCIAL MODELS | | LGH-200RVXT-E |
|---|-----|-------------------|
| ELECTRICAL POWER SUPPLY | | 220-240V, 50Hz |
| RUNNING CURRENT (A) | SP1 | 0.39 |
| | SP2 | 1.10 |
| | SP3 | 2.70 |
| | SP4 | 5.40 |
| INPUT POWER (W) | SP1 | 56 |
| | SP2 | 197 |
| | SP3 | 494 |
| | SP4 | 1000 |
| AIRFLOW (m ³ /h) ^{*2} | SP1 | 500 |
| | SP2 | 1000 |
| | SP3 | 1500 |
| | SP4 | 2000 |
| AIRFLOW (I/s)"2 | SP1 | 139 |
| | SP2 | 278 |
| | SP3 | 417 |
| | SP4 | 556 |
| SPECIFIC FAN POWER (W/(I/s)) | SP1 | 0.40 |
| | SP2 | 0.71 |
| | SP3 | 1.18 |
| | SP4 | 1.80 |
| EXTERNAL STATIC | SP1 | 11 |
| PRESSURE (Pa) | SP2 | 44 |
| | SP3 | 98 |
| | SP4 | 175 |
| SOUND PRESSURE | SP1 | 22 |
| LEVEL (dBA) | SP2 | 28 |
| | SP3 | 35.5 |
| | SP4 | 39.5 |
| TEMPERATURE EXCHANGE | SP1 | 84 |
| EFFICIENCY (%) | SP2 | 82.5 |
| | SP3 | 81 |
| | SP4 | 80 |
| ENTHALPY Heating | SP1 | 83 |
| EXCHANGE | SP2 | 77 |
| EFFICIENCY | SP3 | 73.5 |
| (%) | SP4 | 72.5 |
| Cooling | SP1 | 80.5 |
| | SP2 | 74.5 |
| | SP3 | 71 |
| | SP4 | 70 |
| WEIGHT (kg) | | 159 |
| DIMENSIONS (mm) Width x Depth x Height | | 1980 x 1500 x 500 |
| DUCT SIZE (mm) | | 250 x 750 |
| STANDARD FILTER ¹ | | EU-G3 |
| | | |
| FUSE RATING (BS88) – HRC (A) | | 10 |

DIMENSIONS Air exhaust fan (Outside) Air exhaust fan (Inside) When using \$\$ 250 duct Ceiling suspension fixture (6-15 X 30 oval) By-250 Flange 227 15. lange supply fan (Inside) supply fan (Outside) 424 500 UNIT SCALE \odot N.T.S RA air filters

REMOTE CONTROLLER PZ-61DR-E Image: Control up to 15 Lossnay units Image: Con



Notes: Running Current, Input Power and Recovery Efficiency are based on the above airflow rate, power supply 240v, 50Hz. Sound Pressure Level measured at 1.5m under the centre of panel. 1: EU-F7 filter available as optional parts. 12: Airflow tested to Japan industrial standard JIS B 8628. SP1, SP2, SP3 & SP4 relate to the fan speeds of the Lossnay RVM units Le. fanspeed 1, 2, 3 & 4.

Lossnay Housings will be available, please contact Mitsubishi Electric for further information.



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Product Information

LGH-250RVXT-E Commercial Series Making a World of Difference



Lossnay Mechanical Ventilation Heat Recovery (MVHR) systems, are designed to supply fresh air into any commercial building whilst simultaneously extracting stale air and, most importantly, recovering valuable heat energy for maximum efficiency

Key Features

- Clean fresh air
- Improved air quality and comfort
- Increased climate control
- Reduced energy bills
- Energy efficient heat recovery
- Low power consumption and SFP's
- Free cooling function
- Total heat exchange (sensible and latent)
- Significantly reduced height



Air Conditioning | Heating Ventilation | Controls

Product Information

LGH-250RVXT-E **Commercial Series**

Making a World of Difference

| COMMERCIAL MODELS | | LGH-250RVXT-E |
|--|-------|-------------------|
| ELECTRICAL POWER SUPPLY | | 220-240V, 50Hz |
| RUNNING CURRENT (A) | SP1 | 0.57 |
| | SP2 | 1.40 |
| | SP3 | 3.60 |
| | SP4 | 7.60 |
| INPUT POWER (W) | SP1 | 82 |
| | SP2 | 244 |
| | SP3 | 687 |
| | SP4 | 1446 |
| AIRFLOW (m ³ /h) ² | SP1 | 625 |
| | SP2 | 1250 |
| | SP3 | 1875 |
| | SP4 | 2500 |
| AIRFLOW (I/s)*2 | SP1 | 174 |
| | SP2 | 347 |
| | SP3 | 521 |
| | SP4 | 694 |
| SPECIFIC FAN POWER (W/(I/s)) | SP1 | 0.47 |
| | SP2 | 0.70 |
| | SP3 | 1.32 |
| | SP4 | 2.08 |
| EXTERNAL STATIC | SP1 | 11 |
| PRESSURE (Pa) | SP2 | 44 |
| | SP3 | 98 |
| | SP4 | 175 |
| SOUND PRESSURE | SP1 | 24 |
| LEVEL (dBA) | SP2 | 32 |
| | SP3 | 39 |
| | SP4 | 43 |
| TEMPERATURE EXCHANGE | SP1 | 82.5 |
| EFFICIENCY (%) | SP2 | 80.5 |
| | SP3 | 79 |
| | SP4 | 77 |
| ENTHALPY Heating | SP1 | 79 |
| EXCHANGE | SP2 | 74 |
| EFFICIENCY | SP3 | 71.5 |
| (%) | SP4 | 68 |
| Cooling | SP1 | 76.5 |
| | SP2 | 71.5 |
| | SP3 | 69 |
| | SP4 | 65.5 |
| WEIGHT (kg) | | 198 |
| DIMENSIONS (mm) Width x Depth x Height | | 1980 x 1500 x 500 |
| DUCT SIZE (mm) | | 250 x 750 |
| | | |
| STANDARD FILTER | EU-G3 | |
| FUSE RATING (BS88) – HRC (A) | | 10 |
| | | 10 |

DIMENSIONS Air exhaust fan (Outside) Air exhaust fan (Inside Ceiling suspension fixture (6-15 X 30 oval) When using ϕ 250 duct Ву-р Flanor 15 Flange Air supply fan (Inside) Air supply fan (Outside) 250 By-pass damper pla 50_11_ 1450 2. UNIT SCALE ۵¢ mm N.T.S

PZ-61DR-E Control up to 15 Lossnay units Full-dot backlit LCD screen Weekly timer (ability to pre-set air volume requirements at different intervals) 11. 2C Night purge function 830 (1)

REMOTE CONTROLLER



Notes: Rlunning Current, Input Power and Recovery Efficiency are based on the above airflow rate, power supply 240v, 50Hz. Sound Pressure Level measured at 1.5m under the centre of panel. "1: EU-F7 litter available as optional parts. "2: Artilow tested to Japan industrial standard JIS B 8628. SP1, SP2, SP3 & SP4 relate to the fan speeds of the Lossnay RVMT units Lie. transpeed 1, 2, 3 & 4.

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