# **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

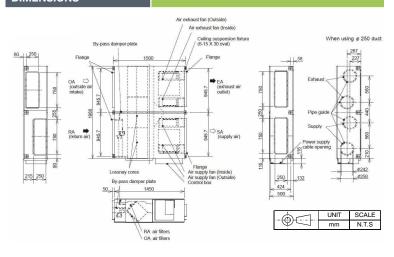
# **Product Information**

## 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 <sup>3</sup> /h) <sup>2</sup>	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 <sup>3</sup> /h) <sup>*2</sup>	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 <sup>1</sup>		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



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# **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 <sup>3</sup> /h) <sup>2</sup>	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 $\phi$ 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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