# Ventilation

## **Product Information**

LGH-80RVX-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
- Significantly reduced power consumption and SFP's
- Free cooling function
- Total heat exchange (sensible and latent)



Air Conditioning | Heating Ventilation | Controls



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## LGH-80RVX-E

**Commercial Series** 

Making a World of Difference

COMMERCIAL MODELS		LGH-80RVX-E
ELECTRICAL POWER SUPPLY		220-240V, 50Hz
RUNNING CURRENT (A)	SP1	0.15
	SP2	0.36
	SP3	0.83
	SP4	1.82
INPUT POWER (W)	SP1	18
	SP2	60
	SP3	151
	SP4	335
AIRFLOW (m <sup>3</sup> /h) <sup>2</sup>	SP1	200
	SP2	400
	SP3	600
	SP4	800
AIRFLOW (I/s)*2	SP1	56
	SP2	111
	SP3	167
	SP4	222
SPECIFIC FAN POWER (W/(I/s))	SP1	0.32
	SP2	0.54
	SP3	0.90
	SP4	1.51
EXTERNAL STATIC	SP1	10
PRESSURE (Pa)	SP2	38
	SP3	85
	SP4	150
SOUND PRESSURE	SP1	18
LEVEL (dBA)	SP2	23
	SP3	30
	SP4	34.5
TEMPERATURE EXCHANGE	SP1	85
EFFICIENCY (%)	SP2	84
	SP3	82.5
	SP4	79
ENTHALPY Heating	SP1	81
EXCHANGE	SP2	78
EFFICIENCY	SP3	73.5
(%)	SP4	71
Cooling	SP1	81
	SP2	78
	SP3	72.5
	SP4	70
WEIGHT (kg)		48
DIMENSIONS (mm) Width x Depth x Height		1144 x 1004 x 404
DUCT SIZE (mm)		250
STANDARD FILTER		EU-G3
FUSE RATING (BS88) – HRC (A)		6

DIMENSIONS		
Pesition where dut direction change is possible By-pass damper plate Cellins suspension (lixture (4-13×20vel)) Cellins suspension (lixture (4-13×20vel)		
Lossnay core 79 1144 79 1144 79 1144 79 1144 79 1144 79 1144 79 1144 79 1144 79 1144 79 1144 79 1147 79 79 79 79 79 79 79 79 79 7		
Positien where duct direction change is possible		
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. "2: Airflow tested to Japan industrial standard JIS B 8628. SP1, SP2, SP3 & SP4 relate to the fan speeds of the Lossnay RVX units i.e. fanspeed 1, 2, 3 & 4.

Lossnay Housings are also available, please contact Mitsubishi Electric for further information.



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