Ventilation

Product Information

LGH-65RVX-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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COMMERCIAL MODELS		LGH-65RVX-E
ELECTRICAL POWER SUPPLY		220-240V, 50Hz
RUNNING CURRENT (A)	SP1	0.15
	SP2	0.39
	SP3	0.90
	SP4	1.65
INPUT POWER (W)	SP1	15
	SP2	49
	SP3	131
	SP4	252
AIRFLOW (m ³ /h) ⁻²	SP1	163
	SP2	325
	SP3	488
	SP4	650
AIRFLOW (I/s) ⁻²	SP1	45
	SP2	90
	SP3	135
	SP4	181
SPECIFIC FAN POWER (W/(I/s))	SP1	0.33
	SP2	0.54
	SP3	0.97
	SP4	1.39
EXTERNAL STATIC	SP1	8
PRESSURE (Pa)	SP2	30
	SP3	68
	SP4	120
SOUND PRESSURE	SP1	18
LEVEL (dBA)	SP2	22
	SP3	29
	SP4	34.5
TEMPERATURE EXCHANGE	SP1	86
EFFICIENCY (%)	SP2	84
	SP3	81
	SP4	77
ENTHALPY Heating	SP1	82
EXCHANGE	SP2	76
EFFICIENCY	SP3	71
(%)	SP4	68.5
Cooling	SP1	81
	SP2	74
	SP3	69.5
	SP4	66
WEIGHT (kg)		38
DIMENSIONS (mm) Width x Depth x Height		908 x 954 x 404
DUCT SIZE (mm)		200
STANDARD FILTER ¹		EU-G3
FUSE RATING (BS88) – HRC (A)		

DIMENSIONS	
Air exhaust fan Air ex	tion where duct direction change is possible By-Pass damer plate Celling suspension fixture (4-13×20val) (return air) (RA (return air) (Supply air) (Supply air) (Supply air) (Air supply fan Control box Maintenance Cover High-Efficiency filter (sold separately) (air)
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 6628. SP1, SP2, SP3 & SP4 relate to the fan speeds of the Lossnay RPV units I.e. fanspeed 1, 2, 3 & 4.

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



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