Product Information

Ventilation

LGH-RVXT-E
Commercial Lossnay

Making a World of Difference



The **LGH-RVXT-E** 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, improved air quality and comfort
- Energy efficient heat recovery
- Total heat exchange (sensible and latent)
- Significantly reduced height





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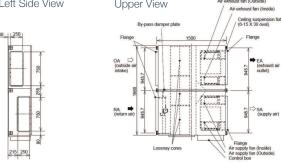


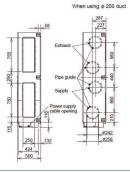
COMMERCIAL MOD	DELS	LGH150RVXT-E	LGH200RVXT-E	LGH250RVXT-E
ELECTRICAL POWER SUPPL	<u>Y</u>	220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz
RUNNING CURRENT (A)	SP1	0.36	0.39	0.57
	SP2	1.10	1.10	1.40
	SP3	2.40	2.70	3.60
	SP4	4.30	5.40	7.60
INPUT POWER (W)	SP1	48	56	82
	SP2	176	197	244
	SP3	421	494	687
	SP4	792	1000	1446
AIRFLOW (m ³ /h) ^{*2}	SP1	375	500	625
	SP2	750	1000	1250
	SP3	1125	1500	1875
	SP4	1500	2000	2500
AIRFLOW (I/s)*2	SP1	104	139	174
	SP2	208	278	347
	SP3	313	417	521
	SP4	417	556	694
SPECIFIC FAN POWER (W/(I/s	s)) SP1	0.46	0.40	0.47
	SP2	0.85	0.71	0.70
	SP3	1.35	1.18	1.32
	SP4	1.90	1.80	2.08
EXTERNAL STATIC	SP1	11	11	11
PRESSURE (Pa)	SP2	44	44	44
	SP3	98	98	98
	SP4	175	175	175
SOUND PRESSURE	SP1	22	22	24
LEVEL (dBA)	SP2	29.5	28	32
	SP3	35.5	35.5	39
	SP4	39.5	39.5	43
TEMPERATURE EXCHANGE		81.5	84	82.5
EFFICIENCY (%)	SP2	81	82.5	80.5
	SP3	80.5	81	79
	SP4	80	80	77
ENTHALPY Heating	SP1	75	83	79
EXCHANGE	SP2	73	77	74
EFFICIENCY	SP3	71	73.5	71.5
(%)	SP4	70	72.5	68
Cooling	SP1	74	80.5	76.5
	SP2	72	74.5	71.5
	SP3	70	71	69
	SP4	69	70	65.5
WEIGHT (kg)	<u> </u>	156	159	198
DIMENSIONS (mm)	Width x Depth x Height	1980 x 1500 x 500	1980 x 1500 x 500	1980 x 1500 x 500
DUCT SIZE (mm)		250 x 750	250 x 750	250 x 750
STANDARD FILTER'1		EU-G3	EU-G3	EU-G3
FUSE RATING (BS88) – HRC (A)		10	10	10

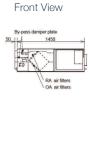
Notes: Running Current, Input Power and Recovery Efficiency are based on the above airflow rate, power supply 240v, 50Hz. Sound Pressure Level measured at 1.5m under the centre of panel.

*1: M6 medium efficiency filter and F8 high efficiency 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 RVXT units i.e. fanspeed 1, 2, 3 & 4.

LGH-150/200/250RVXT-E Left Side View aust fan (Outside) Upper View Right Side View When using \$\phi\$ 250 duct Ceiling suspension fixture (6-15 X 30 oval)









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The fuse rating is for guidance only. Please refer to the relevant databook for detailed specification. It is the responsibility of a qualified electrician/electrical engineer to select the correct cable size and fuse rating based on current regulation especific conditions. Missuish Electric's air conditioning equipment and heat pump systems contain a fluorinated greenhouse gas, R410A, PMP-2088, R24 (SMP-1976), R407C (GMP-1774) or R154a (GMP-1403). These GMVP are based on Pagicalation (EU, No S170A) of the ordinary of th











Mitsubishi Electric UK's commitment to the environment















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