



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



Ventilation

Product Information

LGH-RVXT-E Commercial Lossnay

Making a
World of
Difference



COMMERCIAL MODELS		LGH150RVXT-E	LGH200RVXT-E	LGH250RVXT-E	
ELECTRICAL POWER SUPPLY		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 (m³/h)²	SP1	375	500	625	
	SP2	750	1000	1250	
	SP3	1125	1500	1875	
	SP4	1500	2000	2500	
AIRFLOW (l/s)²	SP1	104	139	174	
	SP2	208	278	347	
	SP3	313	417	521	
	SP4	417	556	694	
SPECIFIC FAN POWER (W/(l/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 PRESSURE (Pa)	SP1	11	11	11	
	SP2	44	44	44	
	SP3	98	98	98	
	SP4	175	175	175	
SOUND PRESSURE LEVEL (dBA)	SP1	22	22	24	
	SP2	29.5	28	32	
	SP3	35.5	35.5	39	
	SP4	39.5	39.5	43	
TEMPERATURE EXCHANGE EFFICIENCY (%)	SP1	81.5	84	82.5	
	SP2	81	82.5	80.5	
	SP3	80.5	81	79	
	SP4	80	80	77	
ENTHALPY EXCHANGE EFFICIENCY (%)	Heating	SP1	75	83	79
		SP2	73	77	74
		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)		156	159	198	
DIMENSIONS (mm)		1980 x 1500 x 500			
DUCT SIZE (mm)		250 x 750			
STANDARD FILTER¹		EU-G3			
FUSE RATING (BS88) – HRC (A)		10			

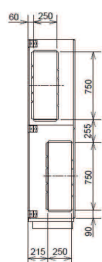
Notes: Running Current, Input Power and Recovery Efficiency are based on the above airflow rate, power supply 240V, 50Hz. Sound Pressure Level measured at 1.5m under the centre of panel.

*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.

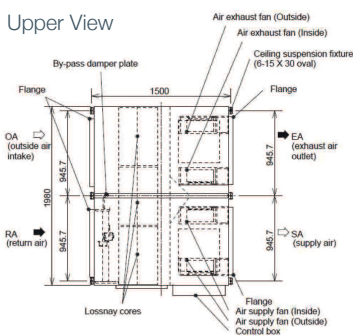
PRODUCT DIMENSIONS

LGH-150/200/250RVXT-E

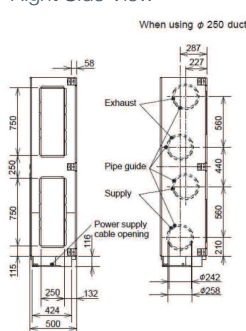
Left Side View



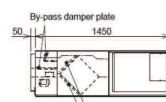
Upper View



Right Side View



Front View



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Note: 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 and site specific conditions. Mitsubishi Electric's air conditioning equipment and heat pump systems contain a fluorinated greenhouse gas, R410A (GWP:2088), R32 (GWP:675), R407C (GWP:1774) or R134a (GWP:1430). *These GWP values are based on Regulation (EU) No 517/2014 from IPCC 4th edition. In case of Regulation (EU) No.626/2011 from IPCC 3rd edition, these are as follows: R410A (GWP:1975), R32 (GWP: 550), R407C (GWP:1650) or R134a (GWP:1300).



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