

LGH-RVXT-E

Commercial Series



The Commercial Lossnay (LGH) Mechanical Ventilation Heat Recovery (MVHR) systems are designed to supply clean, fresh air into commercial buildings, whilst simultaneously extracting stale air.

The **RVXT** units offer a significantly reduced height whilst maintaining a large airflow, allowing easy installation in ceiling voids.

Key Features & Benefits:

- Fresh air ventilation for improved air quality
- Mitsubishi Electric pioneered heat exchanger enables maximised latent heat exchange, resulting in cost and carbon savings
- Lightweight structure ideal for ceiling installation
- No condensate drain requirement
- Unit height of 500mm for ease of application
- Compatible with Mr Slim and City Multi air conditioning systems for a complete and highly effective system operation
- Optional high efficiency filters available





MODEL		LGH-150RVXT-E	LGH-200RVXT-E	LGH-250RVXT-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	79
		SP2	73	74
		SP3	71	71.5
		SP4	70	68
	Cooling	SP1	74	76.5
		SP2	72	71.5
		SP3	70	69
		SP4	69	65.5
Weight (kg)		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

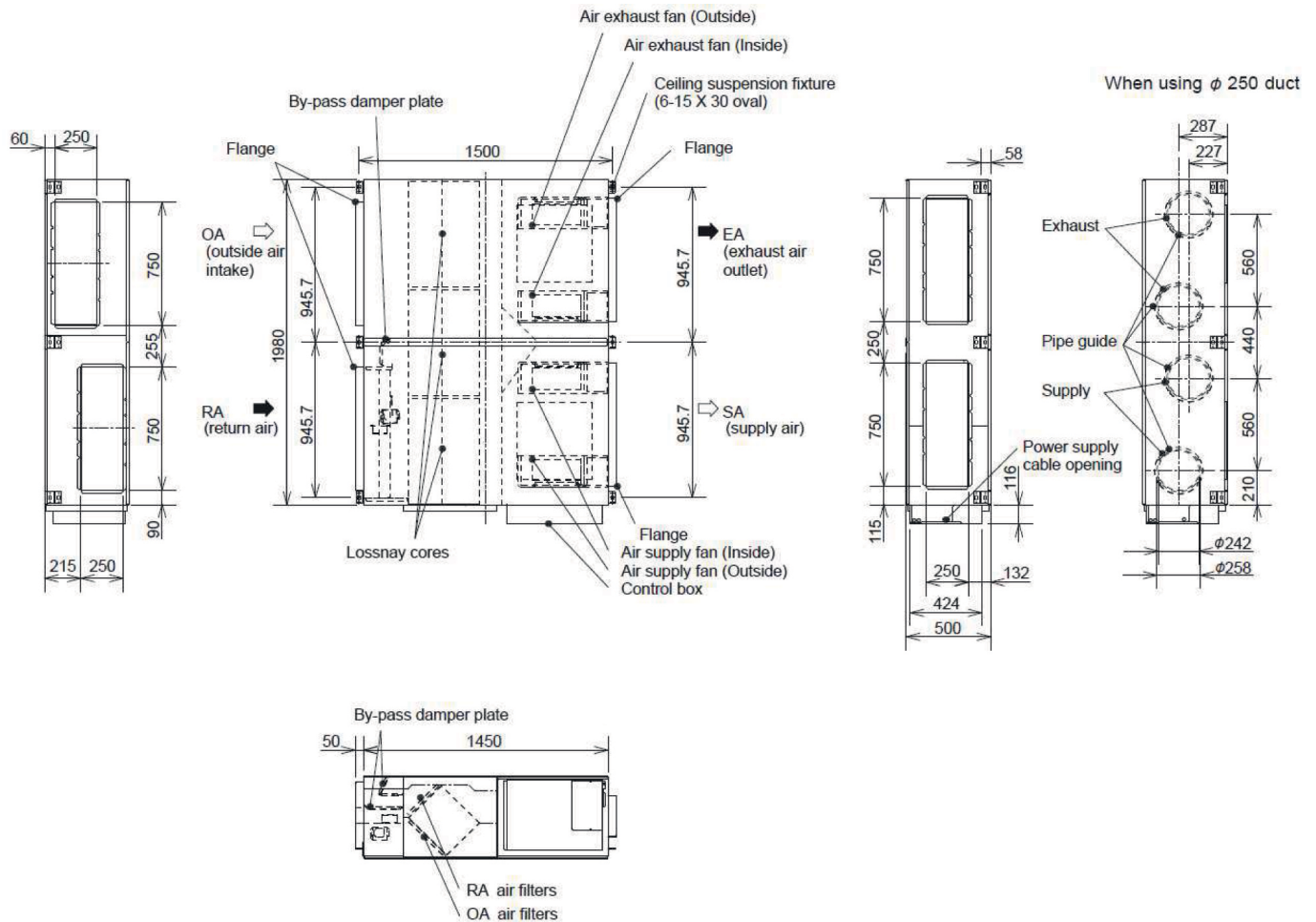
Notes: -Running Current, Input Power and Recovery Efficiency are based on the above airflow rate, power supply 240v, 50Hz. Sound Pressure Level measured at 1.5m under the centre of panel.

*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.

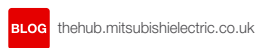
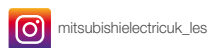
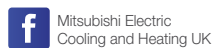
ACCESSORIES		LGH-150RVXT-E	LGH-200RVXT-E	LGH-250RVXT-E
Remote Controller			PZ-62DR-EB	
Filters	ePM ₁₀ 75% / M6 filter		PZ-M6RTFM-E	
	ePM ₁ 65% / F8 filter		PZ-F8RTFM-E	



LGH-150/200/250RVXT-E DIMENSIONS



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Note: Refer to 'Installation Manual' and 'Instruction Book' for further 'Technical Information'. The fuse rating is for guidance only and 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), R134a (GWP:1430), R513A (GWP:631), R454B (GWP:466), R1234ze (GWP:7) or R1234yf (GWP:4). *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).

Effective as of August 2022

