



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

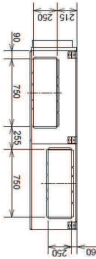
Product Information



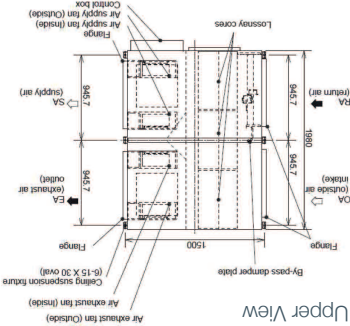
Making a
World of
Difference

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 (%)	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)	SP1	156		159		198	
	1980 x 1500 x 500		1980 x 1500 x 500		1980 x 1500 x 500		
	250 x 750		250 x 750		250 x 750		
	EU-G3		EU-G3		EU-G3		
DUCT SIZE (mm)		250 x 750		250 x 750		250 x 750	
STANDARD FILTER¹		FUSE RATING (BS88) – HRC (A)		FUSE RATING (BS88) – HRC (A)		FUSE RATING (BS88) – HRC (A)	
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. fan speed 1, 2, 3 & 4.							

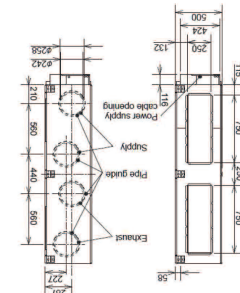
Left Side View



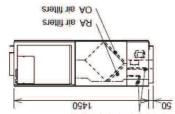
Upper View



Right Side View



Front View



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Effective as of September 2017



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 values are based on Regulation (EU) No 517/2014 from FCC 4th edition. In case of Regulation (EU) No 517/2014 from FCC 4th edition, these are as follows: 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 FCC 4th edition. In case of Regulation (EU) No 517/2014 from FCC 4th edition, these are as follows: R410A (GWP-1975), R32 (GWP-550), R407C (GWP-1050) or R134a (GWP-1300).
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