



The **LGH-RVX-E** is designed to supply fresh air into any commercial building whilst simultaneously extracting stale air. The Lossnay units also recover valuable heat energy for maximum efficiency, with total heat exchange.

Key Features

- Clean, fresh air
- Energy efficient heat recovery
- Can be used in conjunction with Mr Slim and City Multi for highly efficient and effective operation

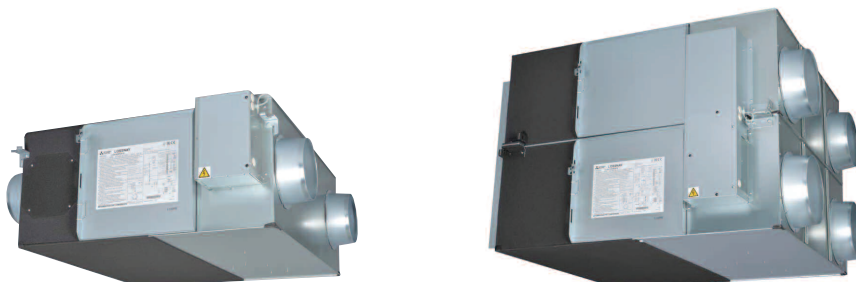


Ventilation

Product Information

LGH-RVX-E Commercial Lossnay

Making a
World of
Difference



COMMERCIAL MODELS			LGH15RVX-E	LGH25RVX-E	LGH35RVX-E	LGH50RVX-E	LGH65RVX-E	LGH80RVX-E	LGH100RVX-E	LGH150RVX-E	LGH200RVX-E
ELECTRICAL POWER SUPPLY			220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz	220-240V, 50Hz
RUNNING CURRENT (A)	SP1		0.10	0.10	0.12	0.13	0.15	0.15	0.17	0.29	0.33
	SP2		0.15	0.16	0.26	0.26	0.39	0.36	0.50	0.70	0.88
	SP3		0.24	0.28	0.54	0.59	0.90	0.83	1.20	1.75	2.20
	SP4		0.40	0.48	0.98	1.15	1.65	1.82	2.50	3.71	4.88
INPUT POWER (W)	SP1		7	8	11	12	15	18	21	38	42
	SP2		14	16	31	32	49	60	75	123	153
	SP3		28	33	70	78	131	151	200	311	400
	SP4		49	62	140	165	252	335	420	670	850
AIRFLOW (m³/h)²	SP1		38	63	88	125	163	200	250	375	500
	SP2		75	125	175	250	325	400	500	750	1000
	SP3		113	188	263	375	488	600	750	1125	1500
	SP4		150	250	350	500	650	800	1000	1500	2000
AIRFLOW (l/s)²	SP1		10	17	24	35	45	56	69	104	139
	SP2		21	35	49	69	90	111	139	208	278
	SP3		31	52	73	104	135	167	208	313	417
	SP4		42	69	97	139	181	222	278	417	556
SPECIFIC FAN POWER (W/(l/s))	SP1		0.70	0.47	0.46	0.34	0.33	0.32	0.30	0.37	0.30
	SP2		0.67	0.46	0.63	0.46	0.54	0.54	0.54	0.59	0.55
	SP3		0.90	0.63	0.96	0.75	0.97	0.90	0.96	0.99	0.96
	SP4		1.17	0.90	1.44	1.19	1.39	1.51	1.51	1.61	1.53
EXTERNAL STATIC PRESSURE (Pa)	SP1		6	5	10	8	8	10	11	11	10
	SP2		24	21	40	30	30	38	43	44	38
	SP3		54	48	90	68	68	85	96	98	84
	SP4		95	85	160	120	120	150	170	175	150
SOUND PRESSURE LEVEL (dBA)	SP1		17	17	17	18	18	18	18	18	18
	SP2		19	20	20	19	22	23	23	24	28
	SP3		24	22	28	28	29	30	31	32	36
	SP4		28	27	32	34	34.5	34.5	37	39	40
TEMPERATURE EXCHANGE EFFICIENCY (%)	SP1		84	86	88.5	87	86	85	89.5	85	89.5
	SP2		83	82	86	83.5	84	84	86.5	84	86.5
	SP3		81	80	82.5	81	81	82.5	83	82.5	83
	SP4		80	79	80	78	77	79	80	80	80
ENTHALPY EXCHANGE EFFICIENCY (%)	Heating	SP1	79	83	83.5	82.5	82	81	87	81	87
		SP2	78	76	78.5	75	76	78	78	78	78
		SP3	75.5	72	74	71	71	73.5	74	73.5	74
		SP4	73	69.5	71.5	69	68.5	71	72.5	72	72.5
	Cooling	SP1	79	83	82	82	81	81	85.5	81	85.5
		SP2	78	74.5	78	72.5	74	78	77	78	77
		SP3	74.5	70	73	68	69.5	72.5	73	72.5	73
		SP4	71	68	71	66.5	66	70	71	70.5	71
WEIGHT (kg)			20	23	30	33	38	48	54	98	110
DIMENSIONS (mm) Width x Depth x Height			780 x 610 x 289	780 x 735 x 289	888 x 874 x 331	888 x 1016 x 331	908 x 954 x 404	1144 x 1004 x 404	1144 x 1231 x 404	1144 x 1004 x 808	1144 x 1231 x 808
DUCT SIZE (mm)			100	150	150	200	200	250	250	(SA,RA) 250 (OAE) 270 x 700	(SA,RA) 250 (OAE) 270 x 700
STANDARD FILTER¹			EU-G3	EU-G3	EU-G3	EU-G3	EU-G3	EU-G3	EU-G3	EU-G3	EU-G3
FUSE RATING (BS88) – HRC (A)			6	6	6	6	6	6	6	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: EU-F7 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 RVX units i.e. fanspeed 1, 2, 3 & 4.

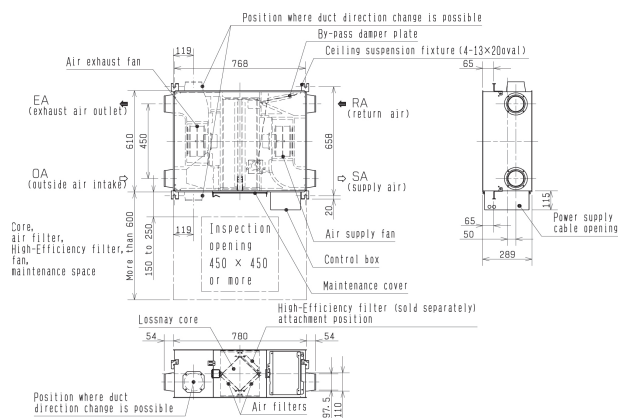
Product Information

LGH-RVX-E
Commercial Lossnay

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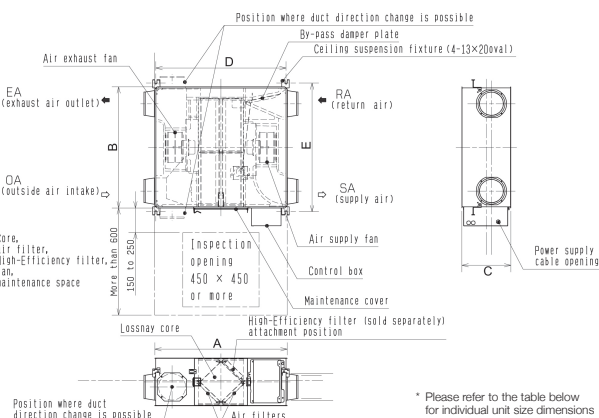
DIMENSIONS

LGH-15RVX-E



DIMENSIONS

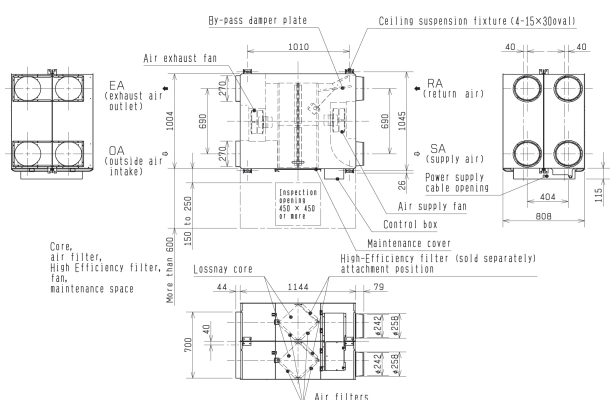
LGH-25-100RVX-E*



Model Reference	Dimensions			Ceiling Suspension Fixture Pitch		Nominal Duct Diameter
	A	B	C	D	E	
LGH-25RVX-E	780	735	289	768	782	150
LGH-35RVX-E	888	874	331	875	921	150
LGH-50RVX-E	888	1016	331	875	1063	200
LGH-65RVX-E	908	954	404	895	1001	200
LGH-80RVX-E	1144	1004	404	1131	1051	250
LGH-100RVX-E	1144	1231	404	1131	1278	250

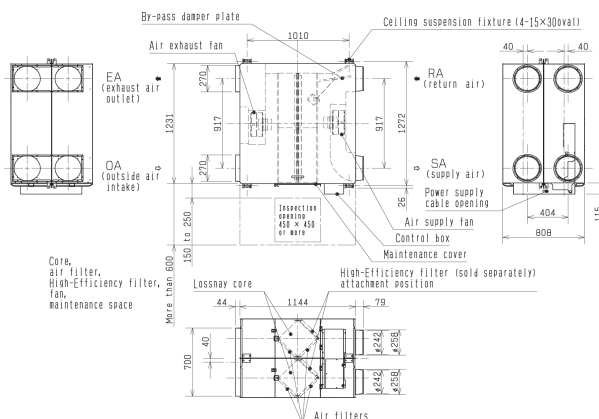
DIMENSIONS

LGH-150RVX-E



DIMENSIONS

LGH-200RVX-E



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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 electrical/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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Effective as of September 2017