Ventilation | Product Information

GUF-RD4

Commercial Series

The **GUF-RD4** fresh air processing units combine a Lossnay Mechanical Ventilation with Heat Recovery (MVHR) unit with a DX coil connectable to a VRF system, to heat and cool the supply air delivered to the space.

The combination of these technologies provides tempering of fresh air entering commercial spaces, taking the load off other cooling / heating services and eliminating any chance of draughts.

Key Features & Benefits:

- Smart combination of a Lossnay & City Multi indoor unit, integrated into one model
- Single unit saves on space and installation costs
- Uses heat recovery technology for maximium energy efficiency
- Heating/cooling with no recirculation of air extracted from the space
- Benefits from free cooling when ambient conditions allow

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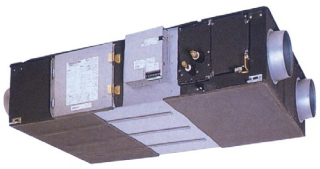
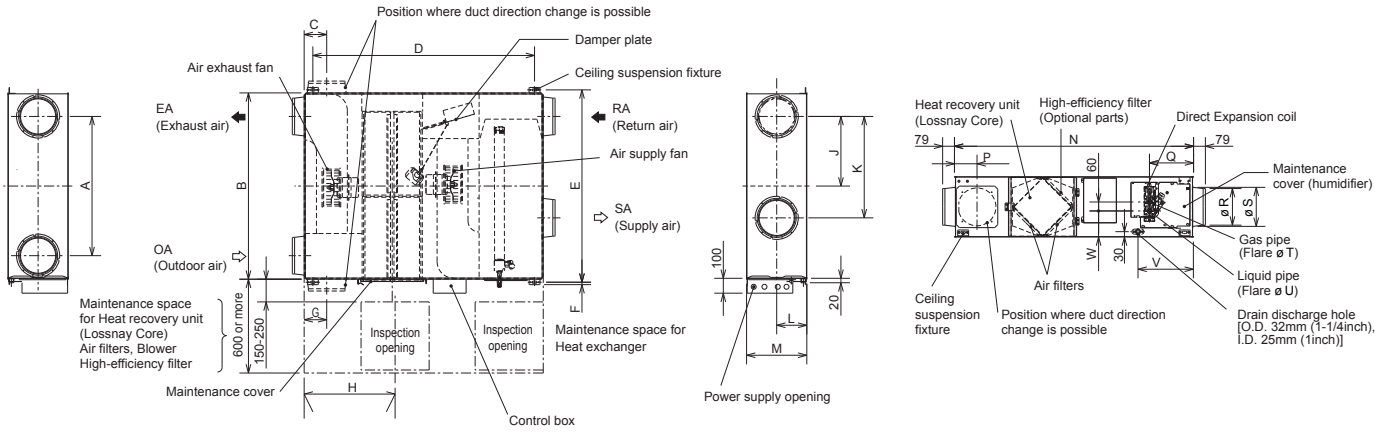


MODEL		GUF-50RD4	GUF-100RD4
Capacity (kW)	Heating (nominal)	6.21 (2.04)	12.56 (4.26)
	Cooling (nominal)	5.57 (1.94)	11.44 (4.12)
	UK Heating (High Performance)	6.42 (2.25)	13.00 (4.70)
	UK Heating (COP Priority)	5.93 (2.08)	12.01 (4.34)
	UK Total Cooling	5.03 (1.58)	10.27 (3.32)
Power input (kW)	Lo-Hi	0.150 / 0.265	0.370 / 0.505
Airflow (m³/h)	Lo-Hi	400-500	800-1000
External static pressure (Pa)	Lo-Hi	90 - 140	90 - 140
Temperature Exchange Efficiency (%)	Lo-Hi	80 - 77.5	81.5 - 79.5
Sound pressure level (dBA)	Lo-Hi	29.5 - 34.5	34 - 39
Weight (kg)		54	92
Dimensions (mm)	Width	1016	1231
	Depth	1288	1580
	Height	317	398
Electrical Supply		220-240v, 50Hz	220-240v, 50Hz
Phase		Single	Single
Running Current (A)	Lo-Hi	0.70-1.15	1.73-2.20
Fuse rating (BS88) - HRC (A)		6	6
Mains cable No. Cores		3	3

Notes: The figures in ( ) indicate the heat recovery at Lossnay core. Total value is capacity of Lossnay core and refrigerant coil. The current and input are based on the above air volume. Specifications may be subject to change without notice.

GUF-RD4 DIMENSIONS



MODEL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	V	W	Y
GUF-50RD4	745	1,016	124	1,185	1,048	22	124	450	372.5	435	158.5	317	1,288	124	266	192	208	12.7	6.35	347	99	135
GUF-100RD4	920	1,231	149	1,465	1,271	16	149	600	460	670	199	398	1,580	149	280	242	258	15.88	9.52	361	110	169

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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

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