

GUG-SL-E

Lossnay Air Processing DX Unit

Return Air Temperature Control (5.1 to 14.1kW)



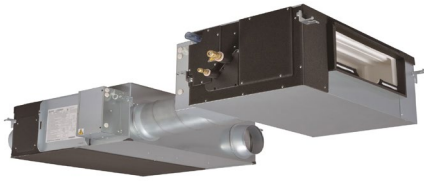
The **GUG-SL-E** combines a Lossnay Mechanical Ventilation with Heat Recovery (MVHR) unit with a Mr Slim Power Inverter outdoor heat pump to heat and cool the supply air delivery to the space.

In return-temperature control mode, the combination of these technologies provides both the fresh air and temperature control to a space from a single system, offering an ideal solution for offices, schools & retail.

Key Features & Benefits:

- Effective fresh air ventilation for improved air quality
- Provides heat recovery ventilation and air conditioning from the same system
- Single system reduces installation time, cost and space
- Heating / cooling with no recirculation of extracted air in the space





MODEL		GUG50-51RAV3	GUG65-60RAV3	GUG80-75RAV3	GUG100-103RAV3	GUG150-157RAV1	GUG150-157RAYT	GUG160-141RAV3
FAN SPEED 3 (75%)	Air Volume (l/s)	104	135	167	208	313	313	313
	External Static Pressure (Pa)	76	70	84	84	84	84	95
FAN SPEED 4 (100%)	Air Volume (l/s)	139	181	222	278	417	417	417
	External Static Pressure (Pa)	135	125	150	150	150	150	169
HEATING CAPACITY*1 (kW)	DX Coil Capacity	4.1	4.5	6.0	8.1	13.0	13.0	13.0
	Heat Recovery Capacity	2.4	3.2	3.5	4.3	7.4	7.4	6.6
	Total Capacity	6.5	7.7	9.5	12.4	20.4	20.4	19.6
	DX Coil Capacity	3.6	4.0	5.0	7.1	9.5	9.5	9.5
COOLING CAPACITY*1 (kW)	Heat Recovery Capacity	1.5	2.0	2.5	3.2	6.2	6.2	4.6
	Total Capacity	5.1	6.0	7.5	10.3	15.7	15.7	14.1
	Nominal	0.64	0.66	0.66	0.62	0.68	0.68	0.65
SYSTEM POWER INPUT (kW)	Heating (nominal)	1.61	1.62	2.17	3.00	5.01	5.01	4.90
	Cooling (nominal)	1.21	1.31	1.75	2.29	3.12	3.12	3.02
PERFORMANCE INDEX*2	Heating (nominal)	4.04	4.74	4.37	4.13	4.07	4.07	4.00
	Cooling (nominal)	4.20	4.60	4.28	4.50	5.03	5.03	4.68
MAX PIPE LENGTH (m)		50	50	50	50	75	75	75
MAX HEIGHT DIFFERENCE (m)		30	30	30	30	30	30	30
PIPE SIZE mm(in)	Gas	12.7 (1/2")	12.7 (1/2")	12.7 (1/2")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")
	Liquid	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")
GUG DIMENSIONS (mm)	Width x Depth x Height	812 x 607 x 330	812 x 607 x 330	1034 x 607 x 394	1034 x 607 x 394	1130 x 576 x 404	1130 x 576 x 404	1130 x 576 x 404
GUG WEIGHT (kg)		21	21	26	26	28	28	28
GUG ELECTRICAL SUPPLY (supplied from outdoor unit)*3		220-240v / 50Hz	220-240v / 50Hz	220-240v / 50Hz	220-240v / 50Hz	220-240v / 50Hz	220-240v / 50Hz	220-240v / 50Hz
GUG UNIT*4		GUG-01SL-E	GUG-01SL-E	GUG-02SL-E	GUG-02SL-E	GUG-03SL-E	GUG-03SL-E	GUG-03SL-E
MR SLIM OUTDOOR UNIT		PUHZ-ZRP35VKA2	PUHZ-ZRP35VKA2	PUHZ-ZRP50VKA2	PUHZ-ZRP71VHA2	PUHZ-ZRP100VKA3	PUHZ-ZRP100YKA3	PUHZ-ZRP100VKA3
LOSSNAY UNIT		LGH-50RVX3-E	LGH-65RVX3-E	LGH-80RVX3-E	LGH-100RVX3-E	LGH-150RVXT-E	LGH-150RVXT-E	LGH-160RVX3-E
LOSSNAY CONTROLLER		PZ-62DR-EB	PZ-62DR-EB	PZ-62DR-EB	PZ-62DR-EB	PZ-62DR-EB	PZ-62DR-EB	PZ-62DR-EB

Notes: *1 The cooling and heating capacities are based on the rated airflow of fan speed 4 and the following air conditions: Cooling Indoor: 27°CDB/19°CWB Outdoor: 35°CDB/24°CWB. Heating Indoor: 20°CDB/15°CWB Outdoor: 7°CDB/6°CWB. *2 Performance index is the total capacity divided by the total power consumption of the outdoor unit and Lossnay at the conditions above. *3 For electrical power requirements for Lossnay and Mr Slim outdoor unit, please refer to their respective sections. *4 GUG unit includes a dedicated controller.

