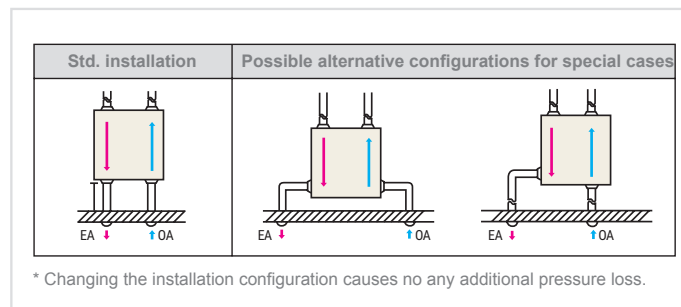


Advantages

- Reduced energy consumption
- Reduced thermal power necessary to treat outdoor air, equating to lower rated power
- Healthier environment
- Quieter operation (noise baffles in inlet and outlet)
- Free Cooling function using exclusively external air
- Humidification with film permeable to water vapour only
- Total air treatment (neutral air returned to outdoor environment)
- Custom temperature and humidity control
- Compact dimensions
- Installable in double ceilings with limited vertical space.

Flexible installation

The positions of air duct connections may be changed as needed to cater for different installation requirements.



Technical specifications

MODEL		GUF-50RDH4		GUF-100RDH4		GUF-50RD4		GUF-100RD4		
Power supply		1-phase 220-240V 50Hz								
Communication system		In serie tramite rete M-NET: Mitsubishi Electric Air Conditioners Network System								
Lossnay	Mode	Air to Air Total heat recovery system								
	Material	Partition, Cross-flow structure, Special preserved paper-plate.								
Cooling capacity*1		kW	5,57	(1,94)	11,4	(4,12)	5,57	(1,94)	11,44	(4,12)
	Power input	W	235-265		480-505		235-265		480-505	
	Current	A	1,15		2,2		1,15		2,2	
Heating capacity*1		kW	6,21	(2,04)	12,56	(4,26)	6,21	(2,04)	12,56	(4,26)
	Power input	W	235-265		480-505		235-265		480-505	
	Current	A	1,15		2,2		1,15		2,2	
Temperature heat recovery efficiency		%	77,5/80		79,5/81,5		77,5/80		79,5/81,5	
Total heat recovery efficiency*2	Heating	%	68/71		71/74		68/71		71/74	
	Cooling	%	65/67		69/71		65/67		69/71	
Capacity index			P32		P63		P32		P63	
Humidifier capacity		kg/h	2,7		5,4		-		-	
Fan	Type x qty		SA: Centrifugal fan (Sirocco FAN) x 1 - EA: Centrifugal fan (Sirocco FAN) x 1							
	Static pressure	Pa	125		135		140		140	
		mmH ₂	12,7		13,8		14,3		14,3	
	Motor		Totally enclosed capacitor permanent split-phase induction motor, 4 poles, 2 units							
Flow rate (High speed)	m ³ /h	500		1000		500		1000		
	L/s	139		278		139		278		
SPL (Low-High)		dB(A)	33,5-34,5		38-39		33,5-34,5		38-39	
Ref. Piping diameter	Liquid	mm(in.)	Ø6,35(Ø1/4)		Ø9,52(Ø3/8)		Ø6,35(Ø1/4)		Ø9,52(Ø3/8)	
	Gas	mm(in.)	Ø12,7(Ø1/2)		Ø15,88(Ø5/8)		Ø12,7(Ø1/2)		Ø15,88(Ø5/8)	

*1 () value from Lossnay heat recovery.

*2 High/Low speed values.