

ECO THERMAL serie **COMPACTO**

giatsu

3 YEAR
TOTAL
QUALITY COMMITMENT

R-32

EER 4,82

COP 5,0



DC
inverter

DC Inverter
compressor and fans

MODE

Several
modes



High
protection



Anti-legionella
function



61dB
DEPENDING MODEL



Compact
design



Cold and heat
mode



Wide
range of
functioning



Configurable
range of
temperature



Wiring
control

NOTES:

Nominal capacity based on the following conditions:

1. Exterior air temperature 7°C DB, 85% de H.R.;
Water condensation inlet/outlet 30/35°C
2. Exterior air temperature 7°C DB, 85% de H.R.;
Water condensation inlet/outlet 40/45°C
3. Exterior air temperature 7°C DB, 85% de H.R.;
Water condensation inlet/outlet 47/55°C
4. Exterior air temperature 35°C DB;
Water condensation inlet/outlet 23/18°C
5. Exterior air temperature 35°C DB;
Water condensation inlet/outlet 12/7°C
6. Test of energy efficiency class of seasonal space heating
under average climate conditions.
7. The sound power level is the maximum value tested under
the Note 2 and Note 4 conditions.

MODEL

MODEL			GIA-V5WD2N8	GIA-V7WD2N8	GIA-V12WD2N8	GIA-V16WD2N8	GIA-V16WD2RN8
Power Supply		V,F,HZ	220-240V (1 Phase ~ 50Hz)				380-415 (3 Phase ~ 50Hz)
PERFORMANCE							
Heater 1	Capacity	kW	4,65	6,65	12,30	16,30	16,30
	Rated input	kW	0,93	1,35	2,56	3,66	3,63
	COP	-	5,00	4,52	4,81	4,45	4,49
Refrigeration 2	Capacity	kW	4,60	6,45	12,20	15,50	15,50
	Rated input	kW	0,95	1,39	2,55	3,64	3,63
	EER	-	4,82	4,65	4,78	4,26	4,27
Heater 1	Capacity	kW	4,80	6,70	12,40	16,20	16,20
	Rated input	kW	1,33	1,88	3,52	4,72	4,70
	COP	-	3,60	3,57	3,53	3,43	3,45
Refrigeration 2	Capacity	kW	4,85	6,30	10,90	13,80	13,80
	Rated input	kW	1,63	2,27	3,74	5,21	5,19
	EER	-	2,98	2,77	2,92	2,65	2,66
Heater efficiency	Water outlet 35°C	kW	A+++			A++	
	Water outlet 55°C	kW	A++			A++	
Ambien temperature range (Heat pump)	Refrigeration	°C	-5 ~ 43			-5 ~ 46	
	heater	°C					
Water outlet temperature range	DHW	°C					
	Refrigeration	°C					
	Heater	°C					
	DHW	°C					
CHARACTERISTICS							
Compressor	Type	Twin-rotary DC inverter					
Fan	Engine type	Brushless DC motor					
	Air flow	m³/h	3.050			6.150	
Heat exchanger (air-water)		Plates					
Water pump height	m.c.a.	6,0			7,5		
Expansion tank	L	2,0			5		
Refrigerant	Type	R32					
	Charged	kg	2,0			2,8	
Regulador type	-	Electronic expansion valve					
Electrical resistance of support	Standard	kW	-				
	Optional	kW	3				4,5
	Stages (capacity)		1				1
	Power supply	V/F/Hz	220-240/1/50				380-415/3/50
Sound pressure	Heater	dB(A)	61	64	68	71	
DIMENSIONS AND WEIGHT							
Net dimensions (An×Al×Pr)	mm	1.210×945×402			1.404×1.414×405		
Gross dimensions (An×Al×Pr)	mm	1.500×1.140×450			1.475×1.580×440		
Net/gross weight	Kg	92/111			158/178		172/193
CONNECTIONS							
Water pipe connections	in	1" H BSP			1 - 1/4" H BSP		
Security valve	MPa	0,3			0,3		
Water total volume	L	2			3,2		
EAN CODE		8435483818118	8435483818125	8435483818132	8435483818149	8435483818156	