

**giatsu**



Air conditioning and DHW 20-21  
HOME - OFFICE - SPECIAL - AQUA - HPWH



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CLIMATIZATION AND DHW  
**2020-2021**

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**HOME**

1x1 Domestic  
Range

# Latest technology in air conditioning

## New refrigerant for all units

### High installation flexibility

The 1x1 domestic range for 2020 is characterized by its commitment to R32 gas to meet the air conditioning needs of our customers taking into account energy efficiency and respect for the environment. This new refrigerant is more efficient, uses 25% less charge and has a lower global warming potential than its predecessor. This results into products with the best and most innovative performance but also with a lower environmental impact.



### Latest generation compressors

The new R-32 double rotary compressor reduces consumption and noise during operation. It is designed and thought for a long life in the most extreme conditions. A reliable and efficient component.



### DC Fans

All the units have direct current fans, another element in the units that guarantees energy savings and efficiency.



### Connectivity in the units

The split type units are prepared and ready for Internet connectivity, which gives us control of the equipment from anywhere, in some cases time schedules and even voice control. Consult the connectivity of your model.



### Maximum comfort and adaptation

Due to the temperature probe of the wireless control, we can configure the reference temperature to be more real for a better control of the unit and the temperature of the room. By keeping the remote control at your side, you will be able to enjoy the temperature you want all the time.



### Golden FIN

With the **GOLDEN FIN** coating we extend the life of the equipment as it is more resistant to corrosion and oxidation than the usual coatings of condensation batteries. It prevents the reproduction and diffusion of bacteria.

# series AROMA 2

R-32

Wall-mounted split

**3** YEARS  
WARRANTY  
**TOTAL**  
QUALITY COMMITMENT

**5** YEARS  
WARRANTY  
**COMPRESSOR**  
QUALITY COMMITMENT



**21dB**  
DEPENDING ON MODEL



OPTIONAL

**A++**  
SEER

**A+++**  
SCOP

SCOP Warmer



DC Inverter Fans



LED Display



Defrost function



Turbo button



Sleep mode



Timer



Auto-Restart



Self-diagnosis



Auto+



Anti-cold function



High density filter



Remote control



Leak detector



3D air



Drain on both sides



GIA-RG66B INCLUDED

## MODELS

	IU	GIA-S09AR2B-R32	GIA-S12AR2B-R32	GIA-S18AR2B-R32	GIA-S24AR2B-R32
	OU	GIA-S09AR2B-R32-INT	GIA-S12AR2B-R32-INT	GIA-S18AR2B-R32-INT	GIA-S24AR2B-R32-INT
Power supply	V,P,HZ		220-240V (1 Phase~ 50Hz)		
Connection			Outdoor unit		

## PERFORMANCE

Cooling capacity	Capacity	kW	2,6	3,5	5,2	7,1
	Btu/h	9.000 (3.100-11.600)	12.000 (3.800-14.200)	18.000 (6.200-20.900)	24.000 (7.100-27.120)	
	Consumption	W	732 (100~1.240)	1.213 (130~1.580)	1.539 (140~2.360)	2.345 (160~2.960)
	SEER	-	6,3	6,1	7,1	6,1
Heating capacity	Capacity	kW	2,91	3,8	5,56	7,3
	Btu/h	10.000 (2.800-11.500)	13.000 (3.700-14.400)	19.000 (4.700-23.000)	25.000 (5.500-30.000)	
	Consumption	W	733 120~1.200)	1.088 100~1.680)	1.480(200~2.410)	2.035(260~3.140)
	*SCOP	-	4	4	4	4
Refrigerant	Energy classification	Heat	A+	A+	A+	A+
	Type/Charge	R32/Kg	0,55	0,55	1	1,6
Additional charge >5		g/m		12		24

## FEATURES

Indoor unit	Sound power	dB(A)	54	55	55	59
	Sound pressure (H/M/L)	dB(A)	38,5/32/25/21	40,5/34,5/25/22	44/37/30/25	44,5/42/34,5/28
	Air flow	m <sup>3</sup> /h	466/360/325	540/430/314	840/680/540	980/817/662
	Selectable temperature range	°C	16 ~ 31			
Outdoor unit		Sound power	dB(A)	62	65	61
		Sound pressure	dB(A)	55,5	56	56
		Air flow	m <sup>3</sup> /h	1.750	1.800	2.500
		Operating temperature	°C	(-15 ~ 50) / (-15 ~ 30)		
Refrigerant	Type/Charge	R32/Kg	0,55	0,55	1	1,6
	Additional charge >5	g/m		12		24

## DIMENSIONS AND WEIGHT

Indoor unit	Net dimensions (W×H×D)	mm	805x285x194		957x302x213	1040x327x220
	Net weight	Kg	7,6		10	12,3
Outdoor unit	Net dimensions (W×H×D)	mm	720x495x270		800x554x333	845x702x363
	Net weight	Kg	23,2		34	51,5

## CONNECTIONS

Refrigerant pipe	Liquid - Gas	Inch.	1/4" - 3/8"	1/4" - 1/2"	3/8" - 5/8"
	Max. length	m	25	30	50
	Max. unevenness	m	10	20	25
Electric connections	Power supply	mm	2 x 2,5 + T		
	Interconnection	mm	4 x 2,5		

## NOTES:

1. Capacity data under standard conditions Actual data will vary depending on where the equipment is installed and how it is used.
2. Sound pressure values are measured at a distance of 1m in a semi-anechoic chamber.
3. The dimensions of the electrical wiring are approximate, and should be calculated according to the conditions of the installation itself.

# series MAMBA

R-32

Wall-mounted split

**3** YEARS  
WARRANTY  
**TOTAL**  
QUALITY COMMITMENT

**5** YEARS  
WARRANTY  
**COMPRESSOR**  
QUALITY COMMITMENT

**19dB**  
DEPENDING ON MODEL

**WiFi**  
READY  
OPTIONAL

**A<sup>++</sup>**  
SEER

**A<sup>+++</sup>**  
SCOP

SCOP Warmer



DC Inverter  
Fans



Multifunction  
filters



Remote control



I feel



GIA-RA1A white  
INCLUDED

## MODELS

	IU	GIA-S09MAMB	GIA-S12MAMB	GIA-S18MAMB	GIA-S24MAMB
	OU	GIA-S09MAMB-I	GIA-S12MAMB-I	GIA-S18MAMB-I	GIA-S24MAMB-I
Power supply	V,P,HZ		220-240V (1 Phase~ 50Hz)		
Connection			Outdoor unit		

## PERFORMANCE

Cooling capacity	Capacity	kW	2,5 (0,4 - 2,9)	3,4 (0,55 - 3,9)	5,27 (1 - 6,7)	6,45 (1,4 - 7)
	Btu/h	8.530 (1.365 - 9.895)	11.601 (1.877 - 13.307)	17.981 (3.412 - 22.860)	22.007 (4.777 - 23.884)	
	Consumption	W	750 (150 - 1.430)	1.020 (180 - 1.560)	1.540 (320 - 2.460)	1.840 (380 - 2.800)
	SEER	-	6,7	6,5	6,3	6,4
Heating capacity	Energy classification	Cold	A++	A++	A++	A++
	Capacity	kW	2,8 (0,4 - 3,3)	3,6 (0,6 - 4,2)	5,5 (1,1 - 6,8)	6,6 (1,5 - 7,9)
	Btu/h	9.554 (1.365 - 11.260)	12.283 (2.047 - 14.330)	18.766 (3.753 - 23.202)	22.519 (5.118 - 26.955)	
	Consumption	W	775 (135 - 1.550)	995 (140 - 1.650)	1.480 (350 - 2.300)	1.750 (400 - 2.500)
*SCOP	*	-	4	4	4	4
	Energy classification	Heat	A+	A+	A+	A+

## FEATURES

Indoor unit	Sound power	dB(A)	54/39/36/30	55/40/37/31	58/55/42/40	61/57/48/46
	Sound pressure (H/M/L)	dB(A)	40/36/24/19	41/37/25/20	47/44/31/29	48/44/35/33
	Air flow	m <sup>3</sup> /h	520/440/230/150	550/470/250/180	850/760/570/480	1.090/930/670/560
	Selectable temperature range	°C		16 ~ 31		
Outdoor unit	Sound power	dB(A)	61	62	63	68
	Sound pressure	dB(A)	52	53	55	59
	Air flow	m <sup>3</sup> /h	1.800	1.800	2.800	3.300
	Cold / hot operating temperature	°C	(-15 ~ 43)/(-15 ~ 24)	(-15 ~ 43)/(-15 ~ 24)	(-15 ~ 43)/(-15 ~ 24)	(-15 ~ 43)/(-15 ~ 24)
Refrigerant	Compressor	Sanyo	Sanyo	Panasonic	Panasonic	
	Type/Charge	R32/Kg	0,5	0,7	0,9	1
	Additional charge >5	g/m		16		40

## DIMENSIONS AND WEIGHT

Indoor unit	Net dimensions (W×H×D)	mm	821x283x200	821x283x200	1.003x310x222	1.109x331x250
	Net weight	Kg	9	9	14	16
Outdoor unit	Net dimensions (W×H×D)	mm	830x540x325	830x540x325	890x598x372	960x700x396
	Net weight	Kg	27	29	40	43,5

## CONNECTIONS

Refrigerant pipe	Liquid - Gas	Inch.	1/4" - 3/8"	1/4" - 1/2"	1/4" - 5/8"
	Max. length	m	20	25	25
	Max. unevenness	m	10	10	10
Electric connections	Power supply	mm		2+Tx2,5	
	Interconnection	mm		3+Tx2,5	



- Ion-generating plasma.
- GOLDEN FIN coating.
- Filter: HEPA + ANTI-MITE + PHOTOCATALYTIC.

### NOTES:

1. Capacity data under standard conditions Actual data will vary depending on where the equipment is installed and how it is used.
2. Sound pressure values are measured at a distance of 1m in a semi-anechoic chamber.
3. The dimensions of the electrical wiring are approximate, and should be calculated according to the conditions of the installation itself.

# series L01

R-32

Console



OPTIONAL

A++  
SEER

A+  
SCOP

A+++  
SCOP

SCOP Warmer



DC Inverter  
Compressor  
and fans



LED  
Display



Defrost function



Turbo  
button



Sleep  
mode



Dehumidifier



Auto-Restart



Self-diagnosis



Timer



Soft start



Silence  
mode



Heat  
mode



Remote control



GIA-YAA1FB8  
INCLUDED

## MODELS

IU	GIA-F-09L01R32	GIA-F-12L01R32	GIA-F-18L01R32
OU	GIA-FI-09L01-R32	GIA-FI-12L01-R32	GIA-FI-18L01-R32
Power supply	V,P,HZ	220-240V (1 Phase~ 50Hz)	
Connection	Outdoor unit		

## PERFORMANCE

Cooling capacity	kW	2,7 (0,7-3,400)	3,5 (0,8-4,400)	5,2 (1,2-6,600)
	Frig/h	2.322 (602-2.838)	3.010 (688-3.440)	4.472 (1.032-5.762)
	Btu/h	9.212 (2.388-11.601)	12.010 (2.730-15.013)	17.742 (4.299-22.519)
Heating capacity	Consumption (min.- max.) W	720 (170-1.300)	1.000 (160-1.500)	1.600 (380-2.450)
	Current A	3,5	4,48	7,1
	SEER -	7,2	7	6,6
Heating capacity	Cold kW	2,9 (0,6-3,5)	3,8 (1,1-4,4)	5,2 (1,1-6,8)
	Kcal/h	2.494 (516-3.010)	3.268 (946-3.784)	4.472 (946-5.031)
	Btu/h	9.895 (2.047-11.942)	12.966 (3.753-15.013)	17.742 (3.821-23.202)
Indoor unit	Consumption (min.- max.) W	730 (130-1.350)	960 (165-1.500)	1.480 (350-2.500)
	Current A	3,6	4,3	6,7
	SCOP -	4	4,1	4
Outdoor unit	Energy classification Heat	A+	A+	A+
	Sound power dB(A)	50/45/42/34	54/48/43/35	57/52/47/41
	Sound pressure dB(A)	39/33/29/23	44/38/33/25	47/42/37/31
Refrigerant	Air flow m³/h	500/410/330/250	600/480/400/280	700/580/460/320
	Selectable temperature range °C	16 ~ 30		
	Sound power dB(A)	60	62	65
Design pressure Mpa	Sound pressure dB(A)	49	52	57
	Air flow m³/h	1.600	2.200	3.200
	Temperature of hot / cold operation °C	-15 ~ 43 / -22 ~ 24		
Air-conditioned perimeter (depending on room conditions) m²	Type / Load R32/Kg	R32/0,55	R32/0,75	R32/0,95
	Additional charge >5 g/m	16		20
DIMENSIONS AND WEIGHT				
Indoor unit	Net dimensions (W×H×D) mm	700×600×215		
	Net/gross weight Kg	15,5 / 18,5		
Outdoor unit	Net dimensions (W×H×D) mm	782×540×320	848×596×320	965×700×396
	Net/gross weight Kg	27,5 / 30	30,5 / 30	46 / 50,5
CONNECTIONS				
Refrigerant pipe	Liquid - Gas	Inch.	1/4" - 3/8"	1/4" - 1/2"
	Max. length	m	15	20
	Desnivel max.	m	10	10
Electric connections	Power supply	mm	2 x 2,5+T	2 x 2,5+T
	Interconnection	mm	3 x 1,5+T	3 x 1,5+T

- **WIFI** module (Optional):
  - ✓ USBWIFI02

Professional Comfort Solutions

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**HOME**  
Multisystem  
Range

# Versatility and comfort

## Diferentes posibilidades con las unidades interiores

### High installation flexibility

With the multi-system outdoor units we have the possibility to connect between 2 and 5 indoor units depending on the machine model. In addition, the combinations of indoor type are wide as we can connect wall type units, duct, compact cassette and double flow console.



10



### The entire range in R32 refrigerant

The multi-system range also relies on the new R-32 refrigerant. This refrigerant gas is more efficient, uses 25% less charge and has a lower global warming potential than its predecessor. This translates into products with the best and most innovative features but also with a lower environmental impact.

### Refrigeration lines

Multi-cooling systems support the longest lengths on the market both in terms of total length and in terms of admissible metres per interior unit.

Number of outputs	2x1	3x1	4x1	5x1
Maximum length	40	60	80	80
Max. unevenness	15	15	15	15
Maximum length per output	25	30	35	35
Maximum unevenness between interiors	10	10	10	10

### In search of maximum efficiency

The multi-systems are equipped with state-of-the-art components. Full DC Inverter units as the compressors and all the fans in the range are equipped with low consumption and maximum efficiency DC technology.



**A<sup>++</sup>**  
SEER**A<sup>+</sup>**  
SCOP**A<sup>+++</sup>**  
SCOP

SCOP Warmer

DC Inverter  
Compressor  
and fansConnectable  
indoor unitsConsumption  
and space  
savingsAnti-oxidation  
housingGreater  
efficiencySpeed of  
operationGolden Fin  
protection**MODELS**

Power supply	V,P,Hz	GIA-M02-14IX41BR32	GIA-M02-18IX41BR32	GIA-M03-21IX41BR32
Connectable Units	2	220-240V (1 Phase~ 50Hz)	3	

**PERFORMANCE**

Cooling capacity	kW	4,1 (1,8~4,8)	5,2 (2,05~5,2)	6,15 (1,94~6,86)
	Frig/h	3.526 (1.566~4.136)	4.539 (1.765~4.539)	5.295 (1.669~5.906)
	Btu/h	14.000 (6.210~16.400)	18.000 (7.000~18.000)	21.000 (6.619~23.420)
	Consumption	W	1.270 (168~1.714)	1.630 (690~2.000)
	Power	A	5,52 (0,73~9,3)	7,1 (3,13~9,27)
Heating capacity	SEER	-	5,6	5,3
	Energy classification	Cold	A+	A++
	kW	4,4 (1,5~5,0)	5,5 (2,3~5,6)	6,6 (1,7~7,3)
	Kcal/h	3.782 (1.316~4.388)	4.791 (2.017~4.791)	5.674 (1.488~6.239)
	Btu/h	15.000 (5.220~17.400)	19.000 (8.000~19.000)	22.500 (5.900~24.740)
*SCOP	Consumption	W	1.185 (265~1.707)	1.390 (600~1.670)
	Power	A	5,15 (1,15~9,4)	6,1 (2,80~7,74)
	*SCOP	-	3,8	3,8
	Energy classification	Heat	A	A+

**FEATURES**

Outdoor unit	Sound power (H)	dB(A)	64	64	65
	Sound pressure (H/M/L)	dB(A)	57	56	57,5
	Air flow	m <sup>3</sup> /h	2.200	2.200	3.000
	Operating temperature	°C	-15~50	-15~24	
Refrigerant	Type	-	R32		
Air-conditioned perimeter (depending on room conditions)	Load	Kg	0,9	1,3	1,4
	Additional load	gr/m	(>15m total) 12	(>15m total) 12	(>22,5m total) 12
	m <sup>2</sup>		30	38	44

**DIMENSIONS AND WEIGHT**

Outdoor unit	Net dimensions (WxHxD)	mm	800×554×333	845×702×363
	Gross dimensions (WxHxD)	mm	920×615×390	965×775×395
	Net/gross weight	Kg	31,6/34,7	36/39

**CONNECTIONS**

Refrigerant pipe	Liquid - Gas	Inch.	1/4"-3/8" × 3	
	Max. length	m	40	60
	Max. length (1 indoor)	m	25	30
	Max. unevenness (between indoor and outdoor)	m	15	15
	Max. unevenness (between indoors)	m	10	10
Electric connections	Power supply	mm	2 x 2,5 + T	2 x 4 + T
	Interconnection	mm	3 x 2,5 + T	

- Number of ventilation speeds **according to demand**.
- Connectable indoor units.
- Consumption and space saving.
- Low sound pressure.

## MODELS

	GIA-M03-27IX41BR32	GIA-M04-028IX41BR32	GIA-M04-36IX41BR32	GIA-M05-42IX41BR32		
Power supply	V,P,Hz	220-240V (1 Phase~ 50Hz)				
Connectable units	3	4	5			
PERFORMANCE						
Cooling capacity	Capacity	kW Frig./h Btu/h	7,9 (2,96~8,5) 6.808 (2.547~7.313) 27.000 (10.100~29.000)	8,2 (2,1~9,8) 7.061 (1.765~8.473) 28.000 (7.000~33.600)	10,5 (6,2~10,5) 9.078 (5.295~9.078) 36.000 (21.000~36.000)	12,3 (8,2~11,7) 10.590 (7.061~10.090) 42.000 (28.000~40.000)
	Consumption	W	2.450 (235~3.220)	2.540 (890~3.180)	3.280 (2.150~3.520)	4.260 (2.700~3.700)
	Power	A	13,7 (2,2~14,3)	11,3 (3,9~14,1)	14,3 (9,3~15,3)	18,5 (11,6~16,0)
	SEER	-	6,1	6,1	6,2	6,1
	Energy classification	Cold	A++	A++	A++	A++
Heating capacity	Capacity	kW Kcal/h Btu/h	8,2 (2,1~9,4) 7.061 (1.753~8.069) 28.000 (6.950~32.000)	8,79 (2,3~10,5) 7.563 (2.017~9.078) 30.000 (8.000~36.000)	10,5 (7,0~11,1) 9.078 (6.052~9.582) 36.000 (24.000~38.000)	12,3 (8,2~11,7) 10.590 (7.061~10.090) 42.000 (28.000~40.000)
	Consumption	W	2.100 (310~2.890)	2.200 (770~2.750)	2.630 (2.880~3.360)	3.100 (2.580~3.570)
	Power	A	12,5 (2,5~12,9)	9,8 (3,4~12,2)	11,4 (12,5~14,6)	13,5 (11,1~15,8)
	SCOP	-	4	3,8	3,8	3,5
	Energy classification	Heat	A+	A	A	A
FEATURES						
Outdoor unit	Sound power (H)	dB(A)	67	67	67	69
	Sound pressure (H/M/L)	dB(A)	54	61,5	63	64
	Air flow	m³/h	2.700	3.800	4.000	3.850
	Operating temperature	°C		-15~50   -15~24		
Refrigerant	Type	-		R32		
	Load	Kg	1,72	2,1	2,1	2,4
	Additional load	gr/m	(>22,5m totales) 12	(>30m totales) 12	(>30m totales) 12	(>37,5m totales) 12
DIMENSIONS AND WEIGHT						
Outdoor unit	Net dimensions (WxHxD)	mm	845×702×363		946×810×410	
	Gross dimensions (WxHxD)	mm	965×775×395		1.090×875×500	
	Net/gross weight	Kg	51,1/55,8	62,1/67,7	68,8/75,6	73,3/80,4
CONNECTIONS						
Refrigerant pipe	Liquid - Gas	Pulg.	1/4"-3/8" × 3	1/4"-3/8" × 3 1/4"-1/2" × 1	1/4"-3/8" × 4 1/4"-1/2" × 1	
	Max. length	m	60		80	
	Max. length (1 interior)	m	30		35	
	Densivel máx (entre interior y exterior)	m	15		15	
	Densivel máx (entre interiores)	m	10		10	
Electric connections	Power supply	mm		2 x 4 + T		
	Interconnection	mm		3 x 2,5 + T		

THE CAPACITY TABLES BY COMBINATIONS CAN BE FOUND ON THE LAST PAGES OF THE CATALOGUE

#### Indoor units combination for GIA-MO2-041IX41BR32

1 unit	2 units
7K	7+7K 9+9K
9K	7+9K 9+12K
12K	7+12K
18K	

#### Combination indoor units for GIA-MO2-052IX41BR32

1 unit	2 units
7K	7+7K 9+9K
9K	7+9K 9+12K
12K	7+12K 12+12K
18K	

#### Combination indoor units for GIA-MO3-061IX41BR32

1 unit	2 units	3 units
7K	7+7K 9+9K	7+7+7K 7+9+9K
9K	7+9K 9+12K	7+7+9K 9+9+9K
12K	7+12K 9+18K	7+7+12K
18K	7+18K 12+12K	

#### Combination indoor units for GIA-MO3-080IX41BR32

1 unit	2 units	3 units
7K	7+7K 7+18K 9+18K	7+7+7K 7+9+12K 9+12+12K
9K	7+9K 9+9K 12+12K	7+7+9K 7+12+12K 12+12+12K
12K	7+12K 9+12K 12+18K	7+7+12K 9+9+9K
18K	7+18K 9+24K	7+9+9K 9+9+12K

#### Combination indoor units for GIA-MO4-082IX41BR32

1 unit	2 units	3 units	4 units
7K	7+7K 9+9K 12+18K	7+7+7K 7+9+12K 9+12+12K	7+7+7+7K 7+7+9+12K
9K	7+9K 9+12K 12+24K	7+7+9K 7+9+18K 9+12+12K	7+7+7+9K 7+9+9+9K
12K	7+12K 12+12K 18+18K	7+7+12K 7+12+12K 12+12+12K	7+7+7+12K 7+9+12+12K
18K	7+18K 12+18K	7+7+18K 7+12+12K 9+9+18K	7+7+7+18K 7+9+12+12K
24K	7+24K 12+24K	7+7+24K 7+12+18K 9+9+24K	7+7+9+9K 7+9+9+9K 12+12+12+12K

#### Combination indoor units for GIA-MO4-105IX41BR32

1 unit	2 units	3 units	4 units
7K	7+7K 9+18K	7+7+7K 7+9+12K 9+12+18K	7+7+7+7K 7+7+9+12K 9+9+9+12K
9K	7+9K 9+24K	7+7+9K 7+9+18K 9+9+24K	7+7+7+9K 7+7+9+18K 9+9+9+18K
12K	7+12K 12+12K	7+7+12K 7+12+12K 9+9+24K	7+7+7+12K 7+7+12+12K 9+9+9+24K
18K	7+18K 12+18K	7+7+18K 7+12+12K 9+9+18K	7+7+7+18K 7+7+12+12K 9+9+9+12K
24K	7+24K 12+24K	7+7+24K 7+12+18K 9+9+24K	7+7+9+9K 7+9+9+9K 12+12+12+12K
	9+9K 18+18K	7+9+9K 7+12+24K	
	9+12K	9+12+12K	

#### Combination indoor units for GIA-MO5-120IX41BR32

1 unit	2 units	3 units	4 units	5 units
7K	7+7K 9+18K	7+7+7K 7+9+18K 9+9+12K 12+12+12K	7+7+7+7K 7+7+9+18K 9+9+9+12K 12+12+12+12K	7+7+9+12+12+12K
9K	7+9K 9+24K	7+7+9K 7+9+24K 9+9+18K 12+12+12K	7+7+7+9K 7+7+9+24K 9+9+9+18K 12+12+12+12K	9+9+9+9+9K
12K	7+12K 12+12K	7+7+12K 7+12+12K 9+9+24K 12+12+12K	7+7+7+12K 7+7+12+12K 9+9+9+24K 12+12+12+12K	9+9+9+9+12K
18K	7+18K 12+18K	7+7+18K 7+12+18K 9+9+12K 12+18+18K	7+7+7+18K 7+7+12+18K 9+9+9+12K 12+12+12+18K	9+9+9+9+18K
24K	7+24K 12+24K	7+7+24K 7+12+24K 9+9+24K 12+12+12K	7+7+9+9K 7+9+9+24K 9+9+9+18K 12+12+12+12K	9+9+9+9+12K
	9+9K 18+18K	7+9+9K 7+12+24K		
	9+12K	9+9+9K 9+18+18K	7+7+9+12K 7+9+9+9K 7+9+18+18K	9+9+12+12+12K
			7+7+9+12+12K	
			7+7+9+12+12+12K	
			7+7+9+12+12+12+12K	
			7+7+9+12+12+12+12+12K	

# series AROMA 2

R-32

Wall-mounted split



OPTIONAL



OPTIONAL



WIFI MODULE (OPTIONAL)

GIA - RG66B INCLUDED



## MODELS

Power supply (V,P,Hz)	V,P,Hz	GIA-MSI-07AR2R32	GIA-MSI-09AR2R32	GIA-MSI-12AR2R32	GIA-S18AR2B-R32-I	GIA-S24AR2B-R32-I
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220-240V (1 Phase~ 50Hz)

## PERFORMANCE

Cooling capacity	Capacity	kW	2,05	2,6	3,5	5,3	7,0
		Btu/h	7.000	9.000	12.000	18.000	24.000
Heating capacity	Capacity	kW	2,34	2,9	3,8	5,6	7,3
		Btu/h	8.000	10.000	13.000	19.000	25.000

## FEATURES

Indoor unit	Sound power	dB(A)	54	53	53	55	59
	Sound pressure (H/M/L)	dB(A)	40/30/26/21	40/30/26/21	40/34/26/22	44/37/30/25	44,5/42/34,5/28
	Air flow	m³/h	520/460/340	520/460/360	600/500/360	840/680/540	980/817/662
	Operating temperature	°C	17~30   0~30	17~32   0~30	17~32   0~30	17~32   0~30	17~32   0~30

## DIMENSIONS AND WEIGHT

Indoor unit	Net dimensions (W×H×D)	mm	805x285x194	805x285x194	805x285x194	957x302x213	1.040x327x220
	Net weight	Kg	7,5	7,5	7,5	10	12,3

## CONNECTIONS

Refrigerant pipe	Liquid - Gas	Inch.	1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"	3/8" - 5/8"
	Interconnection	mm	3x2,5+T	3x2,5+T	3x2,5+T	3x2,5+T	3x2,5+T

- Sound pressure reduction (-5 dB).
- Heat pump function from +8°C.
- GOLDEN FIN treatment.
- Optional filter: COLD CATALYST+ SILVERION + ACTIVE CARBON FILTER.
- WIFI module(Optional):
  - USBWIFI01

Professional Comfort Solutions

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GIA-KJR120C INCLUDED

- DC Inverter Compressor and fans
- Timer
- Reduced height
- Fresh air intake
- Condensate pump
- Wired controller
- Easy Filter cleaning
- Golden Fin protection
- Compatible with AIRZONE

## MODELS

		GIA-MDI-12IX43R32	GIA-MDI-18IX43R32
Power supply		V, F, Hz	220-240V (1 Phase~ 50Hz)
<b>PERFORMANCE</b>			
Cooling capacity	Capacity	kW	3,5
		Frig/h	3.010
		Btu/h	11.900
Heating capacity	Capacity	kW	3,81
		Kcal/h	3.200
		Btu/h	13.000
<b>FEATURES</b>			
Indoor unit	Sound power	dB(A)	59
	Sound pressure (H/M/L)	dB(A)	27,5/34,5/40
	Static pressure	Pa	0 - 60
	Air flow	m³/h	600/480/300
	Operating temperature	°C	17 ~ 30
Air-conditioned perimeter (depending on room conditions)		m²	25
<b>DIMENSIONS AND WEIGHT</b>			
Indoor unit	Net dimensions – Panel (W×H×D)	mm	700×200×450
	Gross dimensions – Panel (W×H×D)	mm	860×285×540
	Net / Gross Weight	Kg	18/22
<b>CONNECTIONS</b>			
Refrigeration pipe	Liquid - Gas	Inch.	1/4" - 3/8"
Electric connections	Power supply		desde la exterior
	Interconnection	mm	3 x 2,5+T
			3 x 2,5+T

Optional controlsWIFIUFOIX43  
WIFI module

- The power of the 3.5 kW duct is configurable at 2 kW and 2.6 kW
- Two options for return position of air.
- Voltage-free stop/start contacts.

# series IX43

R-32

Cassette

**3** YEARS  
WARRANTY  
**TOTAL**  
QUALITY COMMITMENT



GIA-RG57  
INCLUDED



DC Inverter fan



Timer



Remote control



Condensate pump



Fresh air intake



Easy filter cleaning



Golden Fin protection

## MODELS

		GIA-MC6-12IX43R32	GIA-MC6-18IX43R32
Power supply		V, F, Hz	220-240V (1 Phase~ 50Hz)
Cooling capacity	Capacity	kW	3,52
		Btu/h	12.011
Heating capacity	Capacity	kW	4,1
		Btu/h	13.990
<b>FEATURES</b>			
Indoor unit	Sound power	dB(A)	57
	Sound pressure (H/M/L)	dB(A)	35/39/43
	Air flow	m <sup>3</sup> /h	450/530/650
	Operating temperature	°C	17~30
<b>DIMENSIONS AND WEIGHT</b>			
Indoor unit	Net dimensions – Panel (W×H×D)	mm	"570x260x570 647x50x647 (panel)"
	Net weight	Kg	16,2 - 2,5
<b>CONNECTIONS</b>			
Refrigeration pipe	Liquid - Gas	Inch.	1/4" - 3/8"
Electric connection	Power supply	mm	desde la exterior
	Interconnection	mm	3 x 2,5 + T
			3 x 2,5 + T

## Optional controls



WIFUFOIX43  
WiFi module



GIA-KJR12B  
Wired controller



GIA-KJR120C  
Wired control with  
weekly schedule

- Voltage-free stop/start contacts.

Professional Comfort Solutions

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GIA-RG57  
INCLUDED

Fans	Auto-Restart	Defrost function
Harmonious design	Anti-cold function	Dehumidifier
Flexibility of input and output air	Remote control	Golden Fin protection

### MODELO

IU

GIA-MFI-12IX43R32

GIA-MFI-16IX43R32

Power supply (V,P,Hz)

V,PHZ

220-240V (1 Phase~ 50Hz)

### PERFORMANCE

Cooling capacity	Capacity	kW	3,52	4,80
		Btu/h	12.000(2.627~12.983)	16.500(9.000~17.000)
Heating capacity	Capacity	kW	3,81	4,98
		Btu/h	13.000(1.568~14.808)	17.000 (7.500~19.600)

### FEATURES

Indoor unit	Sound power (H/M/L)	dB(A)	55	60
	Sound pressure (H/M/L)	dB(A)	43/41,5/35	42,5/39/35/25
	Air flow	m³/h	512/480/370	560/480/400
	Operating Temperature	°C	17 - 30	17 - 30

### DIMENSIONS AND WEIGHT

Indoor unit	Net dimensions (W×H×D)	mm	700x600x210	700x600x210
	Net weight cassette - panel	Kg	14,8	14,8

### CONNECTIONS

Refrigeration pipe	Liquid - Gas	Inch.	1/4" - 3/8"	1/4" - 3/8"
Electric connections	Power supply	mm	from the outdoor	from the outdoor

Interconnection mm

3 x 2,5+T

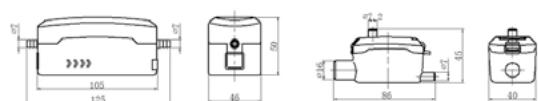
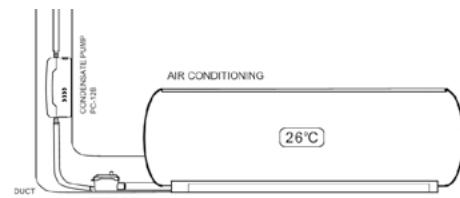
3 x 2,5+T

- Low **sound pressure**.
- Constant control of **air volume**.
- 4 **configurable** air inlets and 2 air outlets.
- 3 air speeds.
- **Auto-Restart, Anti-Cold and Defrost** functions.



# series 18BCMINI (accessories)

Condensate  
pump



## MODEL

	GIA-18BCMINI
Voltage	100-230V / 50-60 Hz
Suction height	2 m
Unloading height	10 m
Flow	18 L/h
Tank capacity	35 cc
Noise level	19 dB (A)
0 meters	18
2 meters	12
4 meters	8
6 meters	7
8 meters	6

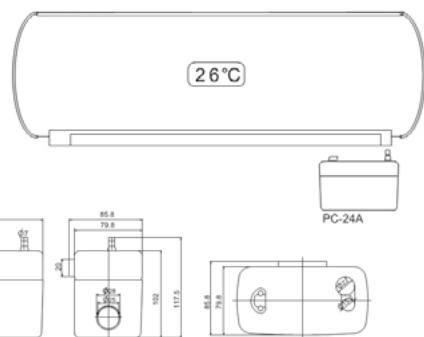
19dB  
DEPENDING ON MODEL

18  
L/HOUR

19

# series 24BCDECO (accessories)

Condensate  
pump



## MODELO

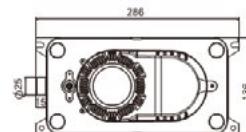
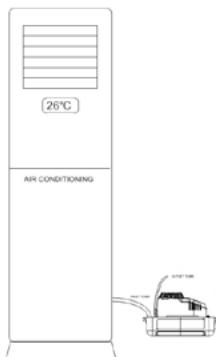
	GIA-24BCDECO
Voltage	100-230V / 50-60 Hz
Unloading height	10 m
Flow	24 L/h
Tank capacity	200 ml
Noise level	19 dB (A)
0 meters	28
2 meters	24
4 meters	20
6 meters	18
8 meters	16
10 meters	12

19dB  
DEPENDING ON MODEL

24  
L/HOUR

# series 125BCEXT (accessories)

Condensate  
pump



## MODEL

	GIA-125BCEXT
Voltage	230V / 50-60 Hz o 115V / 60 Hz
Unloading height	4 m
Flow	125 L/h
Tank capacity	1,8 L
Noise level	48 dB (A)
0 meters	160
2 meters	150
4 meters	130
6 meters	110

20

12,5  
L/HOUR

# INSTALLATION KIT (accessories)

installation  
kit



Kit for the installation of a type SPLIT air conditioning, composed of:

- 1 | 2 x L-shaped support. 450 x 500 x 50 mm (Up to 120 kg).
- 2 | 4 x Silentblocks.
- 3 | 4 x Metal expansion plugs.
- 4 | 1 x 3 meter insulated copper refrigeration tube with flaring and nut.

## MODEL

	GIA-SK3M1412-EST	GIA-SK3M1438-EST	GIA-SK3M3858-EST	GIA-SK5M1412-EST	GIA-SK5M1438-EST	GIA-SK5M3858-EST
Distance	3 meters	3 meters	3 meters	5 meters	5 meters	5 meters
Connector diameters	1/4" – 1/2" (0,8 mm)	1/4" – 3/8" (0,8 mm)	3/8" – 5/8" (0,8 mm)	1/4" – 1/2" (0,8 mm)	1/4" – 3/8" (0,8 mm)	3/8" – 5/8" (0,8 mm)



# iCONTROL

UNIVERSAL WIFI CONTROL

- WiFi Control
- Rechargeable Lithium battery
- Charging base included with connection
- Standard Micro USB
- Flashlight function
- Operational with most equipment market air without the need for additional configuration
- Weekly schedule

EAN code 8435483802780

## Download our APP

**COMPATIBLE**  
with our range of



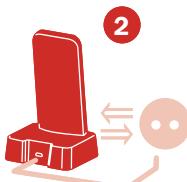
Available on the iPhone  
App Store

ANDROID APP ON  
Google play



Control your current equipment through  
WiFi from your Smartphone or Tablet.

### STEPS TO CONFIGURE THE CONTROL WITH THE APP \*



#### NOTES:

\* Consult the manual for more details on configuring the remote with the APP.



# OFFICE

## Commercial Range

# The equipment that best suits



## IX43 series - Complete duct units

The IX43 series has duct and floor-ceiling indoor units. The complete duct unit in the range stands out with a large number of standard extras such as its low height, the condensate pump or the possibility of changing the return location from rear to front, among others. **TWINS settings can also be made on some of the models.**

23



## L01 series – Long refrigeration distances

The L01 series has 600x600 cassette and 840x840 cassette indoor units. One of the most remarkable characteristics of this range is that it reaches up to 75 meters of maximum pipe distance depending on the capacity of the outdoor unit.

## The entire range in R32 refrigerant

The commercial range of up to 16 kW also works with the new R-32 refrigerant. This more efficient refrigerant gas, uses 25% less charge and has a lower global warming potential than its predecessor.



## DC technology in all units

This entire range is equipped with low-power DC Inverter compressors and DC fans that provide maximum efficiency.

# series IX43

R-32

Ducts



COMPATIBLE  
AIRZONE

A<sup>++</sup>  
SEER

A<sup>+</sup>  
SCOP

A<sup>+++</sup>  
SCOP

SCOP Warmer



INCLUDED  
GIA-KJR120C

## MODELS

	GIA-D-12IX43R32	GIA-D-18IX43R32	GIA-D-24IX43R32	GIA-D-30IX43R32	GIA-D-36IX43R32	GIA-D-42IX43R32	GIA-DI-48IX43R32	GIA-DT3-60IX43R32
IU	GIA-DI-12IX43R32	GIA-DI-18IX43R32	GIA-DI-24IX43R32	GIA-DI-30IX43R32	GIA-DI-36IX43R32	GIA-DI-42IX43R32	GIA-DI-48IX43R32	GIA-DI-60IX43R32
OU	GIA-UO-12IX43R32	GIA-UO-18IX43R32	GIA-UO-24IX43R32	GIA-UO-30IX43R32	GIA-UO-36IX43R32	GIA-UO-42IX43R32	GIA-UO-48IX43R32	GIA-UO-60IX43R32

Power supply / Connection V,P,HZ

220-240V (1 Phase~50Hz) / Outdoor unit

380-415V (3 Phase~50Hz)

## PERFORMANCE

Cooling capacity	Capacity	kW	3.51	5.28	7.03	8.79	10.55	12.31	14.07	15.24
		Btu/h	1,49-4,75	2,55-5,69	3,28-8,16	2,23-9,82	4,04-12,02	2,58-12,31	4,26-15,19	5,86-17,29
Consumption	W	950	1.633	2.190	2.600	4.000	3.653	5.150	5.423	52.000
	350-1.620	350-1.900	480-2.850	190-3.350	902-4.900	230-4.350	1.170-5.699	1.274-6.651	20.000-59.000	
SEER	-	6,5	6,1	6,1	6,1	6,1	6,1	6,1	6,1	6,1
	Cold	A <sup>++</sup>								
Heating capacity	Capacity	4,10	5,86	7,62	9,38	11,14	13,48	16,12	18,17	20.000-59.000
	Btu/h	0.97-5,63	2,20-6,15	2,72-8,72	2,7-11,14	2,81-13,19	2,05-14,27	3,7-18,02	4,69-20,52	
Consumption	W	14.000	20.000	26.000	32.000	38.000	46.000	55.000	62.000	62.000
	3.300-19.200	7.500-21.000	9.280-29.750	9.200-38.000	9.580-45.000	7.000-48.700	12.621-61.500	16.000-70.000		
SCOP	-	4	4	4	4	4	4	4	4	4
	Heat	A <sup>+</sup>								

## FEATURES

Indoor unit	Sound power dB(A)	56	59	62	65	63	71	68	71	
	Sound pressure dB(A)	35/30,5/26	41,5/38/33	42/40/38	45,5/43/40	47/43/40	53,5/51,3/48,8	51/51/48	54/52/51	
	Prstatic nom. (min - máx)	Pa	25 (0 - 60)	25 (0 - 100)	25 (0 - 160)	37 (0 - 160)	50 (0 - 160)	50 (0 - 160)	50 (0 - 160)	
	Air flow	m <sup>3</sup> /h	600/480/300	880/650/350	1.248/1.054/839	1.400/1.015/635	1.400/1.150/750	1.871/1.574/1.047	2.400/2.040/1.680	2.600/2.210/1.820
	Temp range selectable	°C	17 - 30	17 - 30	17 - 30	17 - 30	17 - 30	17 - 30	17 - 30	
Outdoor unit	Sound power dB(A)	63	65	65	67	67	72	72	74	
	Sound pressure dB(A)	55,5	57	62	58,5	65	65	66	66	
	Air flow	m <sup>3</sup> /h	2.000	2.100	2.700	3.600	4.000	3.800	7.500	
	Temp. op. cold/hot	°C	-15-50 / -15-24	-15-50 / -15-24	-15-50 / -15-24	-15-50 / -15-24	-15-50 / -15-24	-15-50 / -15-24	-15-50 / -15-24	
	Compressor	GMCC	GMCC	GMCC	GMCC	GMCC	GMCC	GMCC	GMCC	
Refrigerant	Type/Charge	R32/Kg	0,87	1,15	1,5	2	2,4	2,8	2,8	
	Additional charge >5	g/m	15	15	30	30	30	30	30	

## DIMENSIONS AND WEIGHT

Indoor unit	Net dimensions (W×H×D)	mm	700x200x450	880x210x647	1.100x249x774	1.360x249x774	1.360x249x774	1.200x300x874	1.200x300x874	1.200x300x874
	Net weight	Kg	18	24,3	31,5	46,3	40,5	52,8	47,6	47,6
Outdoor unit	Net dimensions (W×H×D)	mm	800x554x333	800x554x333	845x702x363	946x810x410	946x810x410	952x1.333x415	952x1.333x415	952x1.333x415
	Net weight	Kg	34,7	35,6	49,4	56,9	66,8	73,9	106,7	111,3

## CONNECTIONS

Tuberia frigorífica	Liquid - Gas	Inch.	1/4" - 3/8"	1/4" - 1/2"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"
	Max. length	m	25	30	50	50	65	50	65
	Max. unevenness	m	10	20	25	25	30	30	30
Electric connections	Inner power	mm	with the communication	with the communication	2x2,5+T	2x2,5+T	2x2,5+T	2x2,5+T	2x2,5+T
	External power	mm	2x2,5+T	2x2,5+T	2x2,5+T	2x4+T	2x4+T	4x4+T	4x6+T
Interconnection (shielded)	mm	4x2,5+T	3x2,5+T	2x1,5	2x1,5	2x1,5	2x1,5	2x1,5	2x1,5

## NOTES:

Capacity data under standard conditions. Actual data will vary depending on where the equipment is installed and how it is used.

Sound pressure values are measured 1m away in a semi-anechoic chamber.

The dimensions of the electrical wiring are approximate, it should be calculated based on the conditions of the installation itself.

Up to 160Pa

- Includes wired control with weekly programming.
- Two air return position options.
- Voltage free stop / start contacts.
- WIFI** module (Optional): ✓ WIFIUFOIX43

## Optional controls



WIFI module



Remote control

Professional Comfort Solutions

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# series IX43

R-32

Cassette

**3** YEARS  
WARRANTY  
**TOTAL**  
QUALITY COMMITMENT

**5** YEARS  
WARRANTY  
**COMPRESSOR**  
QUALITY COMMITMENT



INCLUDED  
GIA-RG57

**A<sup>++</sup>**  
SEER

**A<sup>+</sup>**  
SCOP

**A<sup>+++</sup>**  
SCOP Warmer



DC Inverter  
Compressor  
and fans



Timer



2 Communication  
cables without  
polarity



Fresh air  
intake



Condensate  
pump



Remote control

## MODELS

	GIA-C6-12IX43R32	GIA-C6-18IX43R32	GIA-C9-24IX43R32	GIA-C9-30IX43R32	GIA-C9-36IX43R32	GIA-C9-42IX43R32	GIA-C9T3-48IX43R32	GIA-C9T3-60IX43R32
IU	GIA-C6I-12IX43R32	GIA-C6I-18IX43R32	GIA-C9I-24IX43R32	GIA-C9I-30IX43R32	GIA-C9I-36IX43R32	GIA-C9I-42IX43R32	GIA-C9I-48IX43R32	GIA-C9I-60IX43R32
OU	GIA-UO-12IX43R32	GIA-UO-18IX43R32	GIA-UO-24IX43R32	GIA-UO-30IX43R32	GIA-UO-36IX43R32	GIA-UO-42IX43R32	GIA-UO-48IX43R32	GIA-UO-60IX43R32

## POWER SUPPLY / CONNECTION

V,P,HZ

220-240V (1 Phase~50/60Hz) /  
Outdoor unit

380-415V (3 Phase~50Hz) /  
Outdoor unit

## PERFORMANCE

Cooling capacity	Capacity	kW	3.52	5.8	7.03	8.98	10.55	11.7	14.07	15.53
		1,52-5,28	2,90-5,74	3,22-8,21	4,4-10,5	4,04-12,02	36.000	39.900	48.000	52.8-67.1
Heating capacity	Capacity	Btu/h	5.200-18.000	9.900-19.600	10.990-28.000	15.000-35.800	13.800-41.000	16.200-49.500	16.224-49.761	18.000-57.000
		12.000	18.000	24.000	30.600	36.000	39.900	48.000	53.000	
SCOP	Consumption	W	850	1.633	2.190	2.900	3.750	3.770	5.130	5.951
		350-1.600	720-1.860	480-2.850	598-3700	890-4.500	1.158-4.700	1.174-5.602	1.147-6.682	
Energy class.	Cold	-	7,8	6,1	6,1	6,5	6,1	6,01	6,1	6,1
		A <sup>++</sup>								
Capacity	kW		4,40	5,42	7,62	9,77	11,14	13,2	16,12	18,17
		1,03-5,57	2,37-6,10	2,43-8,65	2,6-11	2,94-13,48	3,93-16,77	3,93-16,77	4,4-19,34	
Consumption	Btu/h		15.000	18.500	26.000	33.300	38.000	45.000	55.000	62.000
		3.500-19.000	8.100-20.800	8.300-29.500	8.800-37.500	10.050-46.000	13.400-57.200	13.396-57.206	15.000-66.000	
SCOP	W	1.100	1.460	2.050	2.700	2.993	3.750	5.050	6.036	
		310-1.800	700-1.930	500-2.880	580-3850	720-4.450	980-4.500	987-5.378	1.022-6.448	
Energy class.	Heat	-	4,6	4	4	3,9	4	3,94	4	4
		A <sup>++</sup>	A <sup>+</sup>	A <sup>+</sup>	A	A <sup>+</sup>	A	A <sup>+</sup>	A <sup>+</sup>	A <sup>+</sup>

## FEATURES

Indoor unit	Sound power	dB(A)	51	56	59	61	61	65	65	65
	Sound pressure	dB(A)	41/36/33	42,5/39/35,5	47/43/40	51/49/46	51/49/46	52/50/49	52/50/49	53/50,5/48
	Air flow	m <sup>3</sup> /h	617/504/ 416	720/625/ 540	1.378/1.200/ 1.032	1.775/1.620/ 1.438	1.775/1.620/ 1.438	1.715/1.568/ 1.381	1.715/1.568/ 1.381	1.970/1.737/ 1.537
	Temp range selectable	°C	17-30	17-30	17-30	17-30	17-30	17-30	17-30	17-30
Outdoor unit	Sound power	dB(A)	63	65	65	67	67	72	72	74
	Sound pressure	dB(A)	55,5	57	62	58,5	65	65	66	66
	Air flow	m <sup>3</sup> /h	2.000	2.100	2.700	3.600	4.000	3.800	7.500	7.500
	Temp. op. cold/hot	°C	-15-50 / -15-24	-15-50 / -15-24	-15-50 / -15-24	-15-50 / -15-24	-15-50 / -15-24	-15-50 / -15-24	-15-50 / -15-24	-15-50 / -15-24
Refrigerant	Compressor	GMCC	GMCC	GMCC	GMCC	GMCC	GMCC	GMCC	GMCC	GMCC
	Type/Charge	R32/Kg	0,87	1,15	1,5	2	2,4	2,8	2,8	2,95
Additional charge >5	g/m	15	15	30	30	30	30	30	30	30

## DIMENSIONS AND WEIGHT

Unidad IU	Net dimensions (W×H×D)	mm	570x260x570	570x260x570	840x245x840	840x245x840	840x245x840	840x287x840	840x287x840	840x287x840
		Kg	16,2 / 2,5	16,2 / 2,5	23 / 5	27,5 / 5	27,5 / 5	29 / 5	29 / 5	29,7 / 5
Unidad OU	Net dimensions (W×H×D)	mm	800x554x333	800x554x333	845x702x363	946x810x410	946x810x410	946x810x410	952x1.333x415	952x1.333x415
	Net weight	Kg	34,7	35,6	49,4	56,9	66,8	78,9	106,7	111,3

## CONNECTIONS

Tubería frigorífica	Liquid - Gas	Inch.	1/4" - 3/8"	1/4" - 1/2"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"
	Max. length	m	25	30	50	50	65	50	65	65
	Max. unevenness	m	10	20	25	25	30	30	30	30
Electric connections	Inner power	mm	with the communication	with the communication	2 x 2,5 + T					
	External power	mm	2 x 2,5 + T	2 x 2,5 + T	2 x 2,5 + T	2 x 4 + T	2 x 4 + T	4 x 4 + T	4 x 4 + T	4 x 6 + T
Interconnection (apantallado)	mm	4 x 2,5 + T	3 x 2,5 + T	2 x 1,5	2 x 1,5	2 x 1,5	2 x 1,5	2 x 1,5	2 x 1,5	2 x 1,5

## WIFIUFOIX43

WIFI module



## GIA-KJR120C

Wired control with weekly schedule

**3** YEARS  
WARRANTY  
**TOTAL**  
QUALITY COMMITMENT

**5** YEARS  
WARRANTY  
**COMPRESSOR**  
QUALITY COMMITMENT

GIA-YAP1F6  
INCLUDED**A++** SEER**A+** SCOPDC Inverter  
Compressor and fansCompact  
design

Defrost function

Fresh air  
intakeEasy  
installationHeat  
modeGreater  
efficiencyDrainage  
pumpLonger  
refrigeration  
distanceAnti-cold  
functionIntegral  
protectionStand by  
1WSilence  
mode

Remote control

## MODELS

	GIA-C6-12L01R32	GIA-C6-18L01R32	GIA-C9-24L01R32
IU	GIA-C6I-12L01-R32	GIA-C6I-18L01-R32	GIA-C9I-24L01-R32
OU	GIA-UO-12L01-R32	GIA-UO-18L01-R32	GIA-UO-24L01-R32

Power supply	V,P,HZ	220-240V (1 Phase ~50Hz)	
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## PERFORMANCE

Cooling capacity	kW	3,5	5,0	7,0	
	Frig/h	3.010	4.286	6.001	
	Btu/h	11.900	17.000	23.800	
	Consumption W	1.000	1.600	2.050	
	Current A	4,5	7,20	8,80	
Heating capacity	SEER	-	5,9	7,20	
	Energy classification	Cold	A+	A++	
	kW	4,00	5,50	8,00	
	Capacity	Kcal/h	3.440	4.715	6.858
		Btu/h	13.600	18.700	27.200
Refrigerant	Consumption W	1.050	1.580	2.221	
	Current A	47	7,60	9,50	
	SCOP	-	4	3,9	
	Energy classification	Heat	A+	A	

## FEATURES

Indoor unit	Sound pressure (H/M/L)	dB(A)	39/-/33	39/-/33	42/40/39
	Air flow	m <sup>3</sup> /h	650	760	1.100
	Operating temperature	°C	16~30	16~30	16~30
Outdoor unit	Sound power	dB(A)	61	65	67
	Sound pressure	dB(A)	55,5	50	52
	Air flow	m <sup>3</sup> /h	3.000	3.000	3.600
Refrigerant	Operating temperature	°C	-20~48 / -20~24	-20~48 / -20~24	-20~48 / -20~24
	Type/Charge	- / Kg	R32/0,78	R32/1,0	R32/1,6
	Additional charge >5	g/m	16	16	40
Design pressure	Mpa	4,6/2,5	4,6/2,5	4,6/2,5	
	Air-conditioned perimeter (depending on the room conditions)	m <sup>2</sup>	20	35	50

## DIMENSIONS AND WEIGHT

Indoor unit	Net dimensions (W×H×D)	mm	570×265×570 – 620×47,5×620	570×265×570 – 620×47,5×620	840×240×840 – 950×52×950
	Gross dimensions (W×H×D)	mm	688×295×643 – 701×125×701	688×295×643 – 701×125×701	963×325×963 – 1.033×112×1.038
	Net weight/bruto	Kg	16 / 22 – 6 / 9,5	17 / 22 – 6 / 9,5	29,0 / 36,0 – 6 / 9,5
Outdoor unit	Net dimensions (W×H×D)	mm	818×596×302	818×596×302	892×698×340
	Gross dimensions (W×H×D)	mm	945×630×417	948×645×420	1.029×750×458
	Net weight/bruto	Kg	40 / 37	39 / 42	53 / 57

## CONNECTIONS

Refrigeration pipe	Liquid - Gas	Inch.	1/4" – 3/8"	1/4" – 1/2"	3/8" – 5/8"
	Max. length	m	30	35	50
	Max. unevenness	m	15	20	25
Electric connections	Power supply	mm	2 x 2,5 + T	2 x 2,5 + T	2 x 2,5 + T
	Interconnection	mm	2 x 2,5	2 x 2,5	2 x 2,5

## NOTES:

- The cooling capacity indicated above is measured under the following conditions:  
Indoor condition: 27°C (81°F) DB / 19°C (66.6°F) WB; Outdoor condition: 35°C (95.4°F) DB / 24°C (75.6°F) WB
- The noise is tested in the semi-anechoic room, so it should be a little higher in the real operation due to the environmental change.
- "1" is tested under standard conditions. "2" is tested under nominal conditions according to CE standard.
- Different speed fan.

MODELS	IU	GIA-C9-36L01R32	GIA-C9-42L01R32	GIA-C9-48L01R32	GIA-C9T3-48L01R32	GIA-C9T3-60L01R32
	OU	GIA-C9I-36L01-R32	C9I-42L01-R32	C9I-48L01-R32	C9I-48L01-R32	C9I-60L01-R32
	V,P,HZ	220-240V (1 Phase ~ 50Hz)			380-415V (3 Phase ~ 50Hz)	
<b>PERFORMANCE</b>						
Cooling capacity	Capacity	kW	10,0	12	13,40	13,40
		Frig/h	8.598	10.406	11.524	11.523
		Btu/h	34.100	41.287	45.722	45.700
	Consumption	W	3.100	4.100	4.650	4.700
	Current	A	13,80	17,5	20,8	7,20
	SEER	—	6,1	5,6	6,10	5,6
Heating capacity	Energy classification	Cold	A++	A+	A++	A+
	Capacity	kW	12,00	13,50	15,50	15,50
		Kcal/h	10.313	11.610	13.330	13.314
		Btu/h	40.900	46.000	52.888	52.800
	Consumption	W	3.550	4,2	4,35	4.450
	Current	A	15,70	18	25	6,20
	SCOP	—	4	4	3,8	3,8
	Energy classification	Heat	A+	A+	A	A+
<b>FEATURES</b>						
Indoor unit	Sound pressure (H/M/L)	dB(A)	48/46/42	49/46/42	52/47/41	52/47/41
	Air flow	m <sup>3</sup> /h	1.500	1.800	1.800	1.900
	Operating temperature	°C	16~30	16~30	16~30	16~30
Outdoor unit	Sound power	dB(A)	70	71	71	72
	Sound pressure	dB(A)	55	55	56	57
	Air flow	m <sup>3</sup> /h	5.900	5.900	5.900	5.900
Refrigerant	Operating temperature	°C	-20~48 / -20~24	-20~48 / -20~24	-20~48 / -20~24	-20~48 / -20~24
	Type/Charge	- / Kg	R32/2,5	R32/2,65	R32/2,8	R32/2,8
	Additional charge >5	g/m	40	40	40	40
Design pressure	Mpa	4,6/2,5	4,6/2,5	4,6/2,5	4,6/2,5	4,6/2,5
	Air-conditioned perimeter (depending on the room conditions)	m <sup>2</sup>	72	85	96	103
<b>DIMENSIONS AND WEIGHT</b>						
Indoor unit	Net dimensions (W×H×D)	mm	840×240×840 – 950×52×950	840×240×840 – 950×52×950	840×240×840 – 950×52×950	840×290×840 – 950×52×950
	Gross dimensions (W×H×D)	mm	963×325×963 – 1.033×112×1.038	963×325×963 – 1.033×112×1.033	963×379×963 – 1.033×112×1.033	963×379×963 – 1.033×112×1.038
Panel	Net/gross weight	Kg	31/38 – 6/9,5	33/41/6/9,5	33/41/6/9,5	36/44 - 6/9,5
	Net dimensions (W×H×D)	mm	940×820×460	940×820×460	940×820×460	940×820×460
	Gross dimensions (W×H×D)	mm	1.073×868×563	1.073×868×563	1.073×868×563	1.073×868×563
Outdoor unit	Net/gross weight	Kg	83 / 95	95/107	95/107	112 / 122
<b>CONNECTIONS</b>						
Refrigeration pipe	Liquid - Gas	Inch.	3/8" – 5/8"	3/8" – 5/8"	3/8" – 5/8"	3/8" – 5/8"
	Max. length	m	65	65	75	75
	Max. unevenness	m	30	30	30	30
Electric connections	Power supply	mm	2 x 2,5 + T	2 x 4+T	2 x 6+T	4 x 2,5 + T
	Interconnection	mm	2 x 2,5	2 x 2,5	2 x 2,5	2 x 2,5

**Optional controls**WIFIUOL01  
WIFI moduleGIA-XK75  
Wired controllerGIA-MK03  
ON-OFF contactGIA-ME3042E1  
Dry contact**Centralized controls**GIA-CE5224FC  
36 unitsGIA-CE5024E  
16 unitsGIA-ME500EGM  
Gateway Modbus

# series IX43

R-32

Floor ceiling



INCLUDED  
GIA-RG57

**A++**  
SEER

**A+**  
SCOP

**A+++**  
SCOP

SCOP Warmer



DC Inverter  
Compressor  
and fans



Multiple  
positions



Defrost function



Dehumidifier



3D air



Anti-cold  
function



Auto-Restart



Remote control



Timer

## MODELS

	IU	GIA-CF-18IX43R32	GIA-CF-24IX43R32	GIA-CF-30IX43R32	GIA-CF-36IX43R32	GIA-CF-42IX43R32	GIA-CF-48IX43R32	GIA-CFT3-60IX43R32
	OU	GIA-UO-18IX43R32	GIA-UO-24IX43R32	GIA-UO-30IX43R32	GIA-UO-36IX43R32	GIA-UO-42IX43R32	GIA-UOT3-48IX43R32	GIA-UOT3-60IX43R32
Power supply	V,P,HZ	220-240V (1 Phase~ 50Hz)						380-415V (3 Phase~ 50Hz)

## PERFORMANCE

Cooling capacity	Capacity (min. - max.)	kW	5,27 2,71-5,57	7,03 3,22-8,29	8,89 4,2-10	10,55 3,93-12,02	11,8 4,96-13,1	14,07 4,96-15,11	15,83 5,28-17,0
	Btu/h	18.000 9.250-19.000	24.000 10.990-28.300	30.300 14.300-34.000	36.000 13.400-41.000	40.200 16.900-44.700	48.000 16.917-51.559	54.000 18.000-58.000	
	Consumption (min.-max.)	W	1.633 670-1.850	2.190 480-2.930	2.650 520-4.000	3.800 875-4.500	3.700 1.158-4.700	5.500 1.158-6.003	6.063 1.227-6.496
	SEER	-	6,1	6,1	7,1	6,1	7	6,1	6,1
Heating capacity	Energy classification	Cold	A++	A++	A++	A++	A++	A++	A++
	Capacity (min. - max.)	kW	5,57 2,42-6,3	7,62 2,72-8,65	10,18 2,8-11,6	11,14 2,81-13,48	12,9 3,8-14,9	16,12 3,81-18,07	18,17 4,4-19,64
	Btu/h	19.000 8.250-21.500	26.000 9.280-29.500	34.700 9.500-39.600	38.000 9.580-46.000	44.000 12.900-50.800	55.000 12.989-61.641	62.000 15.000-67.000	
	Consumption (min.-max.)	W	1.500 540-1.640	2.050 500-2.850	2.300 720-4.050	3.040 730-4.550	3.800 1.026-4.800	5.050 1.026-6.200	6.036 1.022-6.546
SCOP	-	4	4	3,87	4	3,82	4	4	4
	Energy classification (Av.)	Heat	A+	A+	A	A+	A	A+	A+

## FEATURES

Indoor unit	Sound power	dB(A)	58	61	61	61	66	66	69
	Sound pressure	dB(A)	41,5/38,5/34,5	50/46/41	51/47/42	51/47/42	54/50/46	54/50/46	54/47/42
	Air flow	m³/h	880/760/ 650	1.208/1.066/ 853	2.160/1.844/ 1.431	2.160/1.844/ 1.431	2.329/1.930/ 1.417	2.329/1.930/ 1.417	2.454/1.834/ 1.426
	Temp. selectable range	°C	17-30	17-30	17-30	17-30	17-30	17-30	17-30
Outdoor unit	Sound power	dB(A)	65	65	67	67	72	72	74
	Sound pressure	dB(A)	57	62	58,5	65	65	66	66
	Air flow	m³/h	2.100	2.700	3.600	4.000	3.800	7.500	7.500
	Op. temp. hot/cold	°C	-15~50 / -19~24	-15~50 / -15~24	-15~50 / -15~24	-15~50 / -15~24	-15~50 / -15~24	-15~50 / -15~24	-15~50 / -15~24
Refrigerant	Compressor	GMCC	GMCC	GMCC	GMCC	GMCC	GMCC	GMCC	GMCC
	Type/Charge	R32/Kg	1,15	1,5	2	2,4	2,8	2,8	2,95
	Additional charge >5	g/m	15	30	30	30	30	30	30

## DIMENSIONS AND WEIGHT

Indoor unit	Net dimensions (WxHxD)	mm	1.068x235x675	1.068x235x675	1.650x235x675	1.650x235x675	1.650x235x675	1.650x235x675
	Net weight	Kg	28	26,8	39	39	41,2	41,2
Outdoor unit	Net dimensions (WxHxD)	mm	800x554x333	845x702x363	946x810x410	946x810x410	952x1.333x415	952x1.333x415
	Net weight	Kg	35,6	49,4	56,9	66,8	73,9	106,7

## CONNECTIONS

Refrigeration pipe	Liquid - Gas	Inch.	1/4" - 1/2"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"
	Max. length	m	30	50	50	65	50	65
	Max. unevenness	m	20	25	25	30	30	30
Electric connections	Alimentación IU	mm	with the communication	2x2,5+T	2x2,5+T	2x2,5+T	2x2,5+T	2x2,5+T
	OU Alimentation	mm		2x2,5+T	2x4+T	2x4+T	4x4+T	4x6+T
	Interconnection (Shielded)	-		3x2,5+T	2x1,5	2x1,5	2x1,5	2x1,5

### NOTES:

1. Capacity data under standard conditions. Actual data will vary depending on where the equipment is installed and how it is used.
2. Sound pressure values are measured at a distance of 1m in a semi-anechoic chamber.
3. The dimensions of the electrical wiring are approximate, they should be calculated according to the conditions of the installation itself.

WIFIUFOIX43

WIFI module



GIA-KJR120C  
Wired control with weekly schedule

Professional Comfort Solutions

Giatsu reserves all rights to modify models and technical data without prior notice. Information valid except typographical or printing error.

# series IX43

R-32

Twin  
systems

**3** YEARS  
WARRANTY  
**TOTAL**  
QUALITY COMMITMENT

**5** YEARS  
WARRANTY  
**COMPRESSOR**  
QUALITY COMMITMENT

**A<sup>++</sup>** SEER

Up to **160Pa**

**A<sup>+</sup>** SCOP

**A<sup>+++</sup>** SCOP

SCOP Warmer



Fresh air  
intake



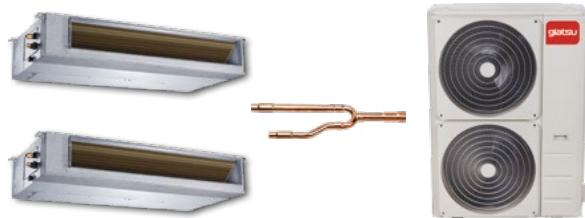
Condensate  
pump



COMPATIBLE  
**AIRZONE**



Wired  
controller  
KJR120C



**x2**  
GIA-KJR120C  
INCLUDED

## Duct TWIN IX43

GIA-2D24IX43R32T3

GIA-2D30IX43R32T3

IU

GIA-DI-24IX43R32 x2

GIA-DI-30IX43R32 x2

OU

GIA-UOT3-48IX43R32

GIA-UOT3-60IX43R32

Power supply / Indoor unit

V,P,HZ

220-240V (1 Phase ~ 50Hz)

Power supply / Outdoor unit

V,P,HZ

380-415V (3 Phase ~ 50Hz)

Total power

kW

14

16

Net dimensions - Indoor unit (W×H×D)

mm

1.100x249x774

Net dimensions - Outdoor unit (W×H×D)

mm

952x1.333x415

29



**x2**  
GIA-RG57  
INCLUDED

## Cassette TWIN IX43

GIA-2C924IX43R32T3

GIA-2C930IX43R32T3

IU

GIA-C9I-24IX43R32 x2

GIA-C9I-30IX43R32 x2

Panel

GIA-C9PIX43R32 x2

GIA-C9PIX43R32 x2

OU

GIA-UOT3-48IX43R32

GIA-UOT3-60IX43R32

Power supply / Indoor unit

V,P,HZ

220-240V (1 Phase ~ 50Hz)

Power supply / Outdoor unit

V,P,HZ

380-415V (3 Phase ~ 50Hz)

Total power

kW

14

16

Net dimensions - Indoor unit (W×H×D)

mm

840x245x840

Net dimensions - Outdoor unit (W×H×D)

mm

952x1.333x415



Fresh air  
intake



Condensate  
pump



Remote control



**x2**  
GIA-RG57  
INCLUDED

## Floor ceiling TWIN IX43

GIA-2CF24IX43R32T3

GIA-2CF30IX43R32T3

IU

GIA-CFI-24IX43R32 x2

GIA-CFI-30IX43R32 x2

OU

GIA-UOT3-48IX43R32

GIA-UOT3-60IX43R32

Power supply / Indoor unit

V,P,HZ

220-240V (1 Phase ~ 50Hz)

Power supply / Outdoor unit

V,P,HZ

380-415V (3 Phase ~ 50Hz)

Total power

kW

14

16

Net dimensions - Indoor unit (W×H×D)

mm

1.068x235x675

1.650x235x675

Net dimensions - Outdoor unit (W×H×D)

mm

952x1.333x415



Fresh air  
intake



Condensate  
pump



Golden Fin  
protection



Remote control

**3** YEARS  
WARRANTY  
**TOTAL**  
QUALITY COMMITMENT

**5** YEARS  
WARRANTY  
**COMPRESSOR**  
QUALITY COMMITMENT



GIA-RA1A  
INCLUDED

**A++**  
SEER

**A+**  
SCOP

**A++**  
SCOP

SCOP Warmer



Refrigerant  
gas



DC Inverter  
compressor  
and fans



LED



Sleep  
mode



Turbo  
button



Auto-Swing  
function



Anti-cold  
function



Filter cleaning  
reminder



iFeel  
function



Defrost function



24h  
Timer



Child  
lock



Auto-Restart



Self-diagnosis



Touch screen  
display



Remote  
control

### MODELS

Power supply (V,P,Hz)

IU  
OU

**GIA-FST3-48JON**

**GIA-FSI-48JON**

**GIA-FST3-0-48JON**

380-415V (3 Phase ~ 50Hz)

### PERFORMANCE

Cooling capacity	Capacity	W	14,0
	Frig/h		12.050
	Btu/h		48.000
	Consumption	W	4.670
	Current	A	8,41
Heating capacity	SEER	-	6,1
	Energy classification	Cold	A++
		kW	14,0
	Capacity	Kcal/h	12.050
		Btu/h	48.000
Indoor unit	Consumption	W	4.050
	Current	A	7,30
	SCOP*	-	4
	Energy classification	Heat	A+

### FEATURES

Indoor unit	Sound power	dB(A)	54/60
	Sound pressure	dB(A)	44/50
	Static pressure	Pa	-
	Air flow	m³/h	1.850
	Operating temperature	°C	16-31
Outdoor unit	Compressor		Mitsubishi
	Sound power	dB(A)	70
	Sound pressure	dB(A)	60
	Air flow	m³/h	6.600
	Ambient temperature operation	°C	-15-48
Refrigerant	Type / Charge	-/Kg	R410A / 4,0
	Additional charge >5	g/m	50
	Air-conditioned perimeter (depending on the room conditions)	m²	80/100

### DIMENSIONS AND WEIGHT

Indoor unit	Net dimensions (W×H×D)	mm	582×1.890×388
	Gross dimensions (W×H×D)	mm	708×2.026×537
	Net/gross weight	Kg	58/68
Outdoor unit	Net dimensions (W×H×D)	mm	1.020×1.350×396
	Gross dimensions (W×H×D)	mm	1.101×1.500×448
	Net/gross weight	Kg	99/109

### CONNECTIONS

Refrigeration pipe	Liquid - Gas	Inch.	3/8"-5/8"
	Max. length	m	50
	Max. unevenness	m	30
Electric connections	Power supply	-	4 x 4+T
	Interconnection	mm	3 x 2,5 (A)+T

- LED touch screen display.
- Long distance air supply.
- iFeel function.
- Carbon filter.
- Remote control.
- 3D air.



**OFFICE**

High Pressure  
Range

# Large flows and high pressure available

## High installation flexibility

The commercial range of high pressure pipes has 5 capacities, 22, 28, 40, 45 and 56 kW, reaching up to 400 Pa of available pressure depending on the capacity. This provides a great flexibility in the design of the ducts, which together with the increase of functionalities in the air flow, allow a total adaptability in practically any installation.

Up to **400 Pa**



## Types of outdoor unit

The high pressure commercial range has 2 different types of outdoor units. The 22 to 45 kW power units have the air discharge from the front and the 56 kW outdoor unit has the air discharge from the top.



## Little installation space

The 22 to 45 kW outdoor units with front air discharge are very compact taking into account the capacities they develop, taking up little installation space and floor space.

## Long lengths of pipe

These types of systems allow a total distance of up to 175 meters of pipe between the outdoor unit and indoor unit, depending on the capacity of the system.

Capacity (kW)	Maximum distance	Height difference
22,4	50	30
28	50	30
40	100	30
45	100	30
56	175	90



\*Depending on model

**A<sup>++</sup>**  
SEER

**A<sup>+</sup>**  
SCOP



DC Inverter  
Compressor  
and fans



LED Display



Defrost function



Turbo  
button



Sleep  
mode



Dehumidifier



Auto-Restart



Drain on  
both sides



iFeel function



Child lock



Filter cleaning  
reminder



Remote control

## MODEL

Power supply	GIA C224KDT3	GIA C26KDT3
V, F, Hz	380-415V (3 Phase~ 50Hz)	

## PERFORMANCE

Cooling	Capacity	kW	22,4	26
	Consumption	W	6.740	7.540
	SEER			
Heating	Capacity	kW	25	28,5
	Consumption	W	5.850	6.770
	SCOP			

## FEATURES

Indoor unit	Sound pressure	dB(A)	45-54	45-55
	Air flow	m <sup>3</sup> /h	4.200	4.400
	Operating temperature	°C	16-32	16-32
	Static pressure	Pa	150	150
Outdoor unit	Sound level	dB(A)	58	60
	Air flow	m <sup>3</sup> /h	8.000	8.000
	Temperature of hot / cold operation	°C	- 5~50 / -20~30	- 5~50 / -20~30
	Type/Charge refrigerant	Kg	R410A / 6,1	R410A / 6,1
	Compressor		Mitsubishi	Mitsubishi
	Design pressure	Mpa	3,8	3,8

## DIMENSIONS AND WEIGHT

Indoor unit	Net dimensions (W×H×D)	mm	1.465x448x811	1.465x448x811
	Net weight	Kg	102	102
Outdoor unit	Net dimensions (W×H×D)	mm	1.120x1.549x528	1.120x1.549x528
	Net weight	Kg	145	145

## CONNECTIONS

Electrical wiring	Power supply	mm <sup>2</sup>	5x6	5x6
	Communication	mm <sup>2</sup>	2 x 1,5 armored	2 x 1,5 armored
Refrigeration pipe	Liquid-Gas	Inch.	7/8" - 3/8"	1" - 1/2"
	Max. length	m	60	60
Pipe length	Max. unevenness	m	30	30

## NOTES:

1. The data is based on the following conditions:

Cooling: Indoor temperature 27°C DB / 19°C WB; outdoor temperature 35°C DB/24°C WB.

Heating: Indoor temperature 20°C DB / 15°C WB; Outdoor temperature 7°C DB/6°C WB.

The length of the interconnection pipe is 7.5 m, with a level difference of 0.

Sound levels are measured in a semi-anechoic room, at a position 1 m in front of the unit and 1.3 m above the floor.

2. The above data may be changed without notice for future quality and performance improvements.

## MODEL

		GIA C28KDT3B	GIA C45KDT3	GIA C56KDT3
Power supply	V, F, Hz	380-415V (3 Phase ~ 50Hz)		
P E R F O R M A N C E				
Cooling	Capacity	kW	40	45
	Consumption	W	8.320	12.100
	SEER / *EER	-		
Heating	Capacity	kW	31,5	50
	Consumption	W	7.930	10.890
	SCOP / *COP	-		
F E A T U R E S				
Indoor unit	Sound pressure	dB(A)	45~55	60
	Air flow	m³/h	4.400	6.000
	Operating temperature	°C	16~32	16~32
	Static pressure	Pa	150	200
Outdoor unit	Sound level	dB(A)	60	61
	Air flow	m³/h	9.000	15.000
	Temperature of hot / cold operation	°C	-5~50 / -20~30	-5~50 / -20~30
	Refrigerant Type/Charge	Kg	R410A / 8	R410A / 15
	Compressor	-	Hitachi	Hitachi
	Design pressure	Mpa	3,8	4,5
D I M E N S I O N S A N D W E I G H T				
Indoor unit	Net dimensions (W×H×D)	mm	1.465x448x811	2165x916x676
	Net weight	Kg	102	222
Outdoor unit	Net dimensions (W×H×D)	mm	1.120x1.549x528	1.349x1.620x765
	Net weight	Kg	176	312
C O N N E C T I O N S				
Electrical wiring	Power supply	mm²	5x6	10*4+10(L≤20m) 16*4+10(20m<L≤50m)
	Communication	mm²	2 x 1,5 armored	2 x 1,5 armored
Refrigeration pipe	Liquid-Gas	Inch.	1" - 1/2"	1" 1/8 - 5/8"
Pipe length	Max. length	m	60	190
	Max. unevenness	m	30	90

# series IX41D

Big duct

**3** YEARS  
WARRANTY  
**TOTAL**  
QUALITY COMMITMENT

**5** YEARS  
WARRANTY  
**COMPRESSOR**  
QUALITY COMMITMENT



MINI VRF



V5X



\*Depending on model

**A<sup>++</sup>**  
SEER

**A<sup>+</sup>**  
SCOP



DC Inverter  
Compressor  
and fans



LED Display



Defrost function



Turbo  
button



Sleep  
mode



Dehumidifier



Auto-Restart



Drain on  
both sides



iFeel function



Child lock



Filter cleaning  
reminder



Remote control

## MODEL

Power supply	GIA C224IX41DT3	GIA C280IX41DT3
	380-415V (3 Phase ~ 50Hz)	

## PERFORMANCE

Cooling	Capacity	kW	22,4	28
	Consumption	W	7.200	9.000
	SEER		4,78	4,77
	Capacity	kW	24,5	31,5
Heating	Consumption	W	6.600	8.500
	SCOP		3,48	3,48

## FEATURES

Indoor unit	Sound pressure	dB(A)	49~52	49~52
	Air flow	m <sup>3</sup> /h	4800	4800
	Operating temperature	°C	17~30	17~30
	Static pressure	Pa	150 (0~150)	150 (0~150)
Outdoor unit	Sound level	dB(A)	58	59
	Air flow	m <sup>3</sup> /h	9.400	9.800
	Temperature of hot / cold operation	°C	-15~48 / -15~24	-15~48 / -15~24
	Refrigerant Type/Charge	Kg	R410A / 7,2	R410A / 7,2
	Compressor		Mitsubishi	Mitsubishi
	Design pressure	Mpa	4.4/2.6	4.4/2.6

## DIMENSIONS AND WEIGHT

Indoor unit	Net dimensions (W×H×D)	mm	1.470x512x775	1.470x512x775
	Net weight	Kg	83	83
Outdoor unit	Net dimensions (W×H×D)	mm	1.120x1.558x528	1.120x1.558x528
	Net weight	Kg	147	147

## CONNECTIONS

Electrical wiring	Power supply	mm <sup>2</sup>	4x6 + T	4x6 + T
	Communication	mm <sup>2</sup>	3 x 1,5 shielded	3 x 1,5 shielded
Refrigeration pipe	Liquid-Gas	Inch.	3/8" - 1"	3/8" - 1"
	Max. length	m	50	50
Pipe length	Max. unevenness	m	30	30

## NOTES:

1. The data are based on the following conditions:

Cooling: Indoor temperature 27°C DB / 19°C WB; outdoor temperature 35°C DB/24°C WB.

Heating: Indoor temperature 20°C DB / 15°C WB; Outdoor temperature 7°C DB/6°C WB.

The length of the interconnection pipe is 7.5 m, with a level difference of 0.

Sound levels are measured in a semi-anechoic room, at a position 1 m in front of the unit and 1.3 m above the floor.

2. The above data may be changed without notice for future quality and performance improvements.

# series IX41D

Big duct

36

## MODEL

		GIA C400IX41DT3B	GIA C450IX41DT3B	GIA C560IX41DT3B
Power supply	V, F, Hz	380-415V (3 Phase ~ 50Hz)		
<b>PERFORMANCE</b>				
Cooling	Capacity	kW	40	45
	Consumption	W	15.000	13.550
	SEER / *EER	-	5,7	5,65
Heating	Capacity	kW	40	45
	Consumption	W	10.000	11.390
	SCOP / *COP	-	3,75	3,7
<b>FEATURES</b>				
Indoor unit	Sound pressure	dB(A)	60/59/58/ 57/55/54/52	60/59/58/ 57/55/54/52
	Air flow	m³/h	6500 ~ 4400	6500 ~ 4400 (7 etapas)
	Operating temperature	°C	17~30	17~30
	Static pressure	Pa	300 (100~400)	300 (100~400)
Outdoor unit	Sound level	dB(A)	62	62
	Air flow	m³/h	16.575	16.575
	Temperature of hot / cold operation	°C	-5~48 / -14~24	-5~48 / -14~24
	Refrigerant Type/Charge	Kg	R410A / 9	R410A / 12
	Compressor	-	Mitsubishi	Mitsubishi
	Design pressure	Mpa	4,4/2,6	4,4/2,6
<b>DIMENSIONS AND WEIGHT</b>				
Indoor unit	Net dimensions (W×H×D)	mm	2005x670x929	2005x670x929
	Net weight	Kg	210	210
Outdoor unit	Net dimensions (W×H×D)	mm	1.360x1.650x540	1.460x1.650x540
	Net weight	Kg	250	280
<b>CONNECTIONS</b>				
Electrical wiring	Power supply	mm²	4x10 + T	4x16 + T
	Communication	mm²	3x 1,5 shielded	3x 1,5 shielded
Refrigeration pipe	Liquid-Gas	Inch.	1/2"- 1"	1/2" - 1" 1/8
Pipe length	Max. length	m	100	100
	Max. unevenness	m	30	30



**SPECIAL**



# series W1

R-32

Window



YX1F  
INCLUDED

A  
SEER



DC Inverter  
Compressor and fans



Save of Consumption and Space



Sleep mode



Anti-cold function



Fresh air intake



Timer



Self-diagnosis



Auto-Restart



Automatic operation



Auto-Swing function



Ignition Low voltage



Dehumidifier



Air in 3D



Bajo



Remote control

## MODEL

Power supply (V,P,Hz)

GIA-W-12-W1

220-240V (1 Phase~ 50Hz)

## PERFORMANCE

Cooling capacity	kW	3,6
	Frig/h	3.143
	Btu/h	12.454
	Consumption	W
	Current	A
SEER	-	5,4
Energy classification	-	A

## FEATURES

Indoor unit	Sound pressure	dB(A)	50/48/46
Outdoor unit	Sound power	dB(A)	58/56/54
Volumen aire		m <sup>3</sup> /h	480/430/380

## DIMENSIONS AND WEIGHT

Unit	Net dimensions (W×H×D)	mm	660x430x690
	Gross dimensions (W×H×D)	mm	790x490x736
	Net / Gross Weight	Kg	50/54

- 3D air
- Night mode
- Fresh air intake
- Anti-cold function
- Timer
- Auto diagnosis

Professional Comfort Solutions

Giatsu reserves all rights to modify models and technical data without prior notice. Information valid except typographical or printing error.

# series SA1

Air curtains



INCLUDED



3 speeds of operation



Steel housing



Efficient motor  
German technology



Maximum recommended height



Remote control

## MODELS

	GIA-AC9-1400SA1	GIA-AC12-1900SA1	GIA-AC15-2500SA1	GIA-AC20-3600SA1	
Power supply	V,P,HZ	220-240V (1 Phase~ 50Hz)			
<b>P O W E R</b>					
Consumption	W	160/110/70	200/150/110	230/180/140	
Current	A	0,73/0,5/0,32	0,91/0,68/0,5	1,05/0,82/0,64	
<b>P E R F O R M A N C E</b>					
Air volume	m <sup>3</sup> /h	900/1.400	1.200/1.900	1.500/2.500	
Air velocity (H / M / L)	m/s	11/9/7	11/9/7	11/9/7	
Sound level	dB(A)	<57	<58	<59	
<b>D I M E N S I O N S A N D W E I G H T</b>					
Net dimensions (W x H x D)	mm	900×190×210	1.200×190×210	1.500×190×210	
Gross dimensions (W x H x D)	mm	940×220×250	1.230×220×250	1.510×220×250	
Net/gross weight	Kg	10/11	12/13	13,5/14,5	
Recommended maximum height	mm	2,5 - 3	2,5 - 3	2,5 - 3	

- Door contact  
(Opening operation)  
**GIA-AC-SA1DS**  
(Optional).





INCLUDED



3 speeds of operation



Steel housing

Efficient motor  
German technology

Maximum recommended height



Remote control

## MODELS

	GIA-AC12-1212RE	GIA-AC15-1215RE
Power supply	V,P,Hz	220-240V (1 Phase~50Hz)
<b>P O W E R</b>		
Engine consumption	W	200
Resistance power	kW	8
<b>P E R F O R M A N C E</b>		
Air volume	m <sup>3</sup> /h	1.400
Air speed	m/s	7,5
Sound level	dB(A)	58
<b>D I M E N S I O N S A N D W E I G H T</b>		
Net dimensions (W×H×D)	mm	1.200×215×180
Gross dimensions (W×H×D)	mm	1.240×240×270
Net/gross weight	Kg	17,5 / 18,5
Recommended maximum height	mm	2,5 - 3
<b>D I M E N S I O N S A N D W E I G H T</b>		
Net dimensions (W×H×D)	mm	1.500×215×180
Gross dimensions (W×H×D)	mm	1.540×240×270
Net/gross weight	Kg	21 / 22
Recommended maximum height	mm	2,5 - 3

## MODELS

	GIA-AC09T3-1209RE	GIA-AC12T3-1212RE	GIA-AC15T3-1215RE	GIA-AC20T3-1220RE
Power supply (V,P,Hz)	V,P,Hz	380-415V (3 Phase~50Hz)		
<b>P O W E R</b>				
Engine consumption	W	160	200	230
Resistance power	kW	6	8	10
Current	A	27	36,4	45,5
<b>P E R F O R M A N C E</b>				
Air volume	m <sup>3</sup> /h	1.000	1.400	1.900
Air velocity (H / M / L)	m/s	7,5	7,5	7,5
Sound level	dB(A)	57	58	59
<b>D I M E N S I O N S A N D W E I G H T</b>				
Net dimensions (W×H×D)	mm	900×215×180	1.200×215×180	1.500×215×180
Gross dimensions (W×H×D)	mm	940×240×270	1.240×240×270	1.540×240×270
Net/gross weight	Kg	14,5 / 15,5	17,5 / 18,5	21 / 22
Recommended maximum height	mm	2,5 - 3	2,5 - 3	2,5 - 3

- Door contact (Opening operation) **GIA-AC-SA1DS.**

\*The door contact is INCLUDED.





Refrigerant gas



DC Inverter Compressor and fans



LED Display



Timer



Child lock



Auto-Restart



Intelligent defrosting



Sleep mode



Compact design



Dehumidifier



Stand by 1W



Remote control



## MODELS

Power supply

GIA-VE-12V1

GIA-VEI-12V1

GIA-VEO-12V1

220-240V (1 Phase~ 50Hz)

## PERFORMANCE

	IU	OU	GIA-VE-12V1
	V,P,HZ		GIA-VEI-12V1
Cooling capacity	Capacity	kW	3,5
	Frig/h		3.011
	Btu/h		11.942
	Consumption	W	1.270
	Current	A	5,6
	EER	-	2,75
	Energy classification	Cold	A
Heating capacity	Capacity	kW	3,2
	Kcal/h		2.753
	Btu/h		10.918
	Consumption	W	1.180
	Current	A	5,2
	COP	-	2,71
	Energy classification	Heat	A+

## FEATURES

Sound pressure	Indoor unit	dB(A)	55/49/44/39
	Outdoor unit	dB(A)	65/55
Air flow			380/320/260/230
Dehumidification			1,5
Operating temperature			16~30
Ambient temperature operating in refrigeration			18~43
Ambient temperature operating in heating			2~24
Refrigerant	Type		R410A
	Charge		0,67
Heated perimeter (depending on room conditions)			12~18

## DIMENSIONS AND WEIGHT

Indoor unit	Net dimensions (W×H×D)	mm	667x497x96
	Gross dimensions (W×H×D)	mm	738x578x165
	Net / Gross Weight	Kg	5,5/8
Outdoor unit	Net dimensions (W×H×D)	mm	1.018x650x259
	Gross dimensions (W×H×D)	mm	1.102x718x327
	Net / Gross Weight	Kg	41/46

## CONNECTIONS

Diameter of condensation pipe	m	Ø 0,7
Electric connections	Power supply	mm

Indoor unit 2 x 2,5 + T

Alimentation 2 x 2,5 + T / Interconnection 5 x 1

- Compact design.
- Silent design.
- Automatic restart function.
- Night mode.
- 3 air vents.

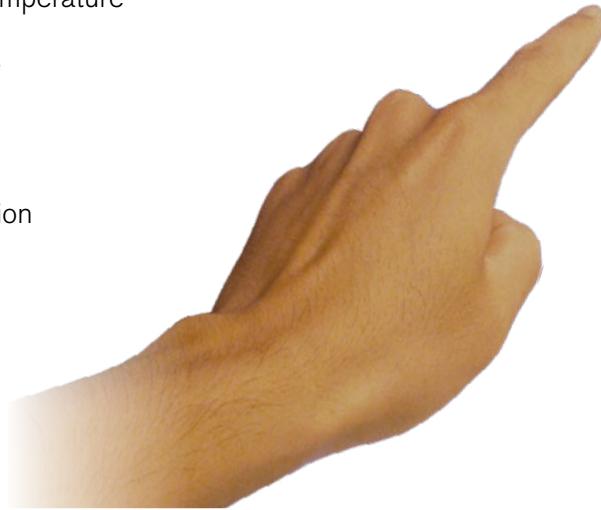
A woman is shown from the chest up, taking a shower. Water is falling onto her face and hand. She is looking upwards. The background is a solid teal color.

**AQUA**

Gas water heaters  
and electric  
water heaters

## Multifunction touch screen

- Set / display of DHW temperature
- Flame intensity indicator
- Error codes
- Multiple security protection



43

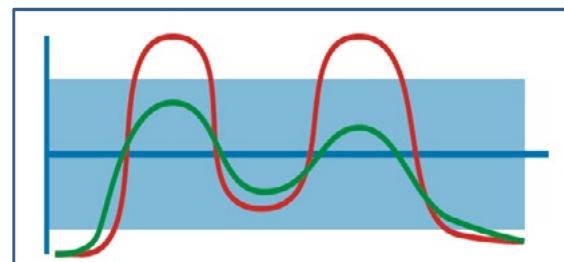
Temp. OU	Temp Req.
Spring <21 °C	43 °C
Summer <28 °C	38 °C
Autumn <27 °C	40 °C
Winter <15 °C	45 °C

## Auto temperature regulation

Our ROMBO heater regulates the temperature automatically to offer the required temperature without depending on the outside temperature, thus increasing its efficiency.

## DC fan

The LOW Nox heater has a DC fan that compensates the energy expenditure depending on the power demand that is needed in each phase of work.



# series ROMBO

Open chamber  
GWH

**2** YEARS  
WARRANTY  
**TOTAL**  
QUALITY COMMITMENT

**M** PROFILE

**XL** PROFILE



**A** DHW

**12**  
L/min

Great production from ACS



Super slim

**14**  
L/min

Great production from ACS



Includes gas outlet kit (C13, C33)

**14**  
L/min

Great production from ACS



Flameless pilot



Exchanger copper free oxygen



Prepared for forced shooting (B23, B53)

## MODEL

GIA-CLE-12NOXROGN GIA-CLE-12NOXROGLP GIA-CLE-14NOXROGN GIA-CLE-14NOXROGLP

### POWER

Input power	kW	24	24	28	28
Effective power	kW	21	21	25,4	25,4
Minimum input power	kW	8	8	9	9
Minimum output power	kW	7,4	7,4	8,2	8,2
Performance	%	≥ 86	≥ 86	> 86	> 86
Declared profile	-	M	M	XL	XL
Energy classification	-	A	A	A	A

### PERFORMANCE

Gas type	-	Natural gas G20	Butane gas G30 / Propane gas G31	Natural gas G20	Butane gas G30 / Propane gas G31
Combustion	-	Gas-tight	Gas-tight	Gas-tight	Gas-tight
Power on	-	Electronic Automatic			
Gas pressure	MBar	20	28 - 30 / 37	20	28 - 30 / 37
Voltage	Vdc	3	3	3	3

### HEATER TYPE

Maximum pressure	bar	10	10	10	10
Minimum pressure	bar	0,2	0,2	0,2	0,2
Maximum flow	L/min	12	12	14	14
Minimum flow	L/min	8	8	2,5	2,5
Water temperature	-	35 ~ 65	35 ~ 65	35 ~ 65	35 ~ 65

### DIMENSIONS AND WEIGHT

Net dimensions (W×H×D)	mm	345×570×150	345×570×150	345×570×170	345×570×170
Net weight	Kg	12,3	12,3	14,7	14,7

### CONNECTIONS

Gas connection	-	G1/2"	G1/2"	G1/2"	G1/2"
Cold water connection	-	G1/2"	G1/2"	G1/2"	G1/2"
Hot water connection	-	G1/2"	G1/2"	G1/2"	G1/2"
Ø Gas exhauster	Ø mm	Ø 60/100	Ø 60/100	Ø 60/100	Ø 60/100
Gas outlet length	mm	0,5 - 3	0,5 - 3	0,5 - 3	0,5 - 3

# Electric water heaters

We have electric water heaters with capacities from 30 to 150 litres. They have a great power and enviable protections, with unique features in the market. Our turning point with respect to other brands is our capacity of adaptation, as the PISCIS water heater is reversible and can be installed both vertically and horizontally. We also have the vertical electric water heater CAPRICORNIO.

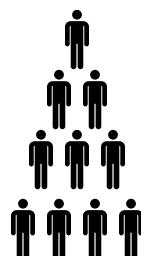


## What electric water heater do I need?:

### AVERAGE CONSUMPTION OF HOT WATER

- In the shower: 30l on average.
- Washing dishes: 5l/person.
- Use of the sink: 5l/person.

### No. of people



### Liters needed

<b>30L - 50L</b>
<b>80L</b>
<b>100L</b>
<b>150L</b>

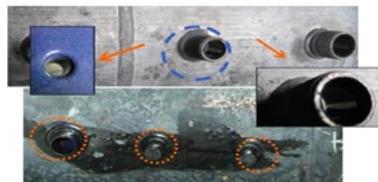


- Sheathed resistance with enameled flange (Piscis model).
- Magnesium anode to prevent corrosion of the tank.
- Thermal insulation (25% thicker than standard)
- Stainless steel diffusers to optimize water stratification.
- Safety valve included, to avoid any overpressure.

46

## Vitrification "Blue Diamond"

- Vitrification system made in 360°, even in the water inlet and outlet.
- Greater coating of the enamel.

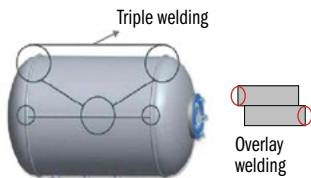


Giatsu

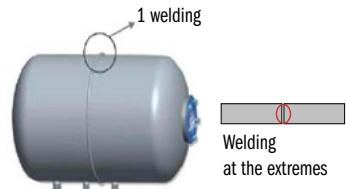
COMPETENCE

## Exclusive design with only 1 welding line

1 single welding line on the internal tank reduces the risk of water leakage by 67%.



COMPETENCE



GIA

Welding  
at the extremes



18% thicker than standard.

# series CAPRICORNIO

Electric water  
heaters



**5** YEARS  
WARRANTY  
**TANK**  
QUALITY COMMITMENT

**2** YEARS  
WARRANTY  
**TOTAL**  
QUALITY COMMITMENT

\*Performing required maintenance.



**C**  
DHW



Anti-corrosion  
node of  
magnesium



Sleeves  
electrolytes



Outdoor  
thermometer



Adjustable  
temperature



S/S 310S  
resistance



High density  
isolation  
polyurethane



Sapphire  
enamel  
tank



Valve  
security



Maximum  
reduction of  
energy



Declared  
profile  
(depending  
on model)



Protection  
against the  
overheating  
also in dry

## MODELS

	GIA-TV-30CAPRI	GIA-TV-50CAPRI	GIA-TV-80CAPRI	GIA-TV-100CAPRI	
Power supply	V.F.HZ	220-240V (1 Phase ~ 50/60Hz)			
Power	W	1500	1500	1500	1500
Current	A	6,5	6,5	6,5	6,5
Declared profile	-	S	M	M	M
Energy classification	-	C	C	C	C
<b>P E R F O R M A N C E</b>					
Capacity	L	30	50	80	100
Maximum working pressure	Mpa	0,80	0,80	0,80	0,80
Operating temperature	°C	20~75	20~75	20~75	20~75
Recovery time 15 - 40°C	-	1h	1h 37 min	1h 56 min	2h 35 min
<b>F E A T U R E S</b>					
Insulation thickness	mm	22	22	22	22
Material thickness	mm	1,8	1,8	2,0	2,0
Type of coating	-	Enamelled sapphire coating			
Degree of protection	-	IPX4	IPX4	IPX4	IPX4
Installation type	-	Vertical	Vertical	Vertical	Vertical
Water inlet pipe	-	G1/2"	G1/2"	G1/2"	G1/2"
Recommended no. of people	-	1	1	2	3
<b>D I M E N S I O N S A N D W E I G H T</b>					
Net dimensions (ØxAl)	mm	Ø410x485	Ø410x625	Ø410x880	Ø410x1.055
Net / Gross Weight	Kg	13,6 / 16,1	17,5 / 19,8	23,7 / 26,7	26,9 / 28,9

## NOTES:

The heating capacity is tested under a standardized environment with an outside temperature of 20°C (DB) / 15°C (BM), the initial water temperature of the unit is 15°C, it stops heating when the temperature is 55°C.

# series PISCIS

Electric water  
heaters

**5** YEARS  
WARRANTY  
**TANK**

**2** YEARS  
WARRANTY  
**TOTAL**

\*Performing required maintenance.



**C**  
DHW



Anti-corrosion  
node of  
magnesium



Sheathed  
Resistance



Blue diamond  
enamel  
tank



1 welding  
single line



Reversible  
installation

## MODELS

	GIA-TR-30PISC	GIA-TR-50PISC	GIA-TR-80PISC	GIA-TR-100PISC	GIA-TR-150PISC
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V.F.HZ

220-240V (1 Phase ~ 50/60Hz)

## POWER

Power	W	1.500	1.500	1.500	1.500	1.500
Current	A	6,5	6,5	6,5	6,5	6,5
Declared profile	-	S	M	M	M	M
Energy classification	-	C	C	C	C	C

## PERFORMANCE

Capacity	L	30	50	80	100	150
Maximum working pressure	Mpa	0,8	0,8	0,8	0,8	0,8
Operating temperature	°C	20-75	20-75	20-75	20-75	20-75
Recovery time 15 - 40°C	-	1h	1h 37'	1h 56'	2h 35'	3h 32'

## FEATURES

Insulation thickness	mm	22	22	22	22	22	
Material thickness	mm	2	2	2	2	2	
Type of coating	-	Esmalte de diamante azul					
Degree of protection	-	IPX4	IPX4	IPX4	IPX4	IPX4	
Anode	Type	Magnesium	Magnesium	Magnesium	Magnesium	Magnesium	
	Size	16×200	16×200	16×200	16×200	16×200	
Resistance	-	Sheathed	Sheathed	Sheathed	Sheathed	Sheathed	
Installation type	-	Reversible	Reversible	Reversible	Reversible	Reversible	
Water inlet pipe	-	1/2"	1/2"	1/2"	1/2"	1/2"	
Recommended no. of people	-	1	1	2	3	4	

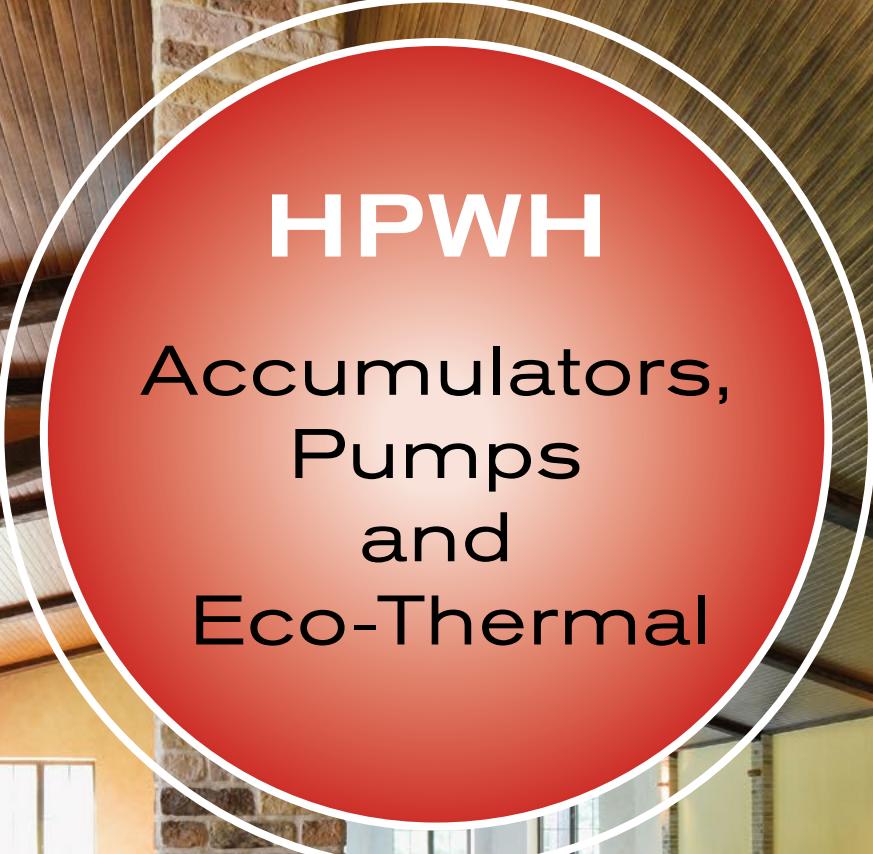
## DIMENSIONS AND WEIGHT

Net dimensions (ØxAl)	mm	Ø410×465	Ø410×615	Ø410×865	Ø410×1045	Ø530×1014
Gross dimensions (AnxAIxPr)	mm	465×520×465	465×655×465	465×910×465	465×1095×465	600×1210×600
Net / Gross Weight	Kg	12,4 / 14,6	15,7 / 17,8	21,1 / 24	25,9 / 27,6	42,5 / 50,5

- Capacities of 30, 50, 80, 100 and 150 litres.
- Reversible installation.
- Sheathed resistance.
- Magnesium anti-corrosion anode.
- Enamelled steel tank with diamond treatment.

Professional Comfort Solutions

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**HPWH**

Accumulators,  
Pumps  
and  
Eco-Thermal



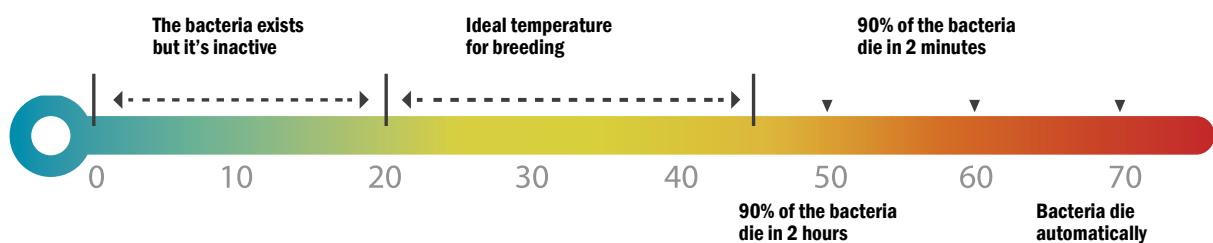
# All-in-one heat pump

Enjoy the best solution for obtaining domestic hot water, our aero thermal accumulators are the most efficient and environmentally friendly alternative to traditional gas heaters and electric thermos flasks as they generate great energy savings by using renewable energy from the air and transforming it into domestic hot water for residential or commercial use.

**Compatible with solar energy, more ecofriendly**



## **Anti-legionella function**



# **Accumulators aerothermals**

Accumulators aerothermals	VA1	VAX300	VAX500
			
	GIA-AT-0-200VA1	GIA-ATS-0-200VAX	GIA-ATS-0-300VAX
Capacity	200L	200L	300L
Solar exchanger		●	●
Tank material	Vitrified	●	●
	Stainless steel		●



\*Segun MODEL



## A DHW

Refrigerant gas	Automatic Reset Function	Anti-legionella function
Temperature water output	Solar powered (segun MODEL)	Wide operating range
Tubular condenser around the tank	Replaces heater and thermos	

## MODELS

Power supply		V.F.HZ	GIA-AT-0-200VA1	GIA-ATS-0-200VA1
220-240V (1 Phase ~ 50Hz)				
Maximum input current	A	8,7	8,7	8,7
Maximum input power	kW	2	2	2
Pump heating	Capacity of heating	kW	2,3	2,3
	Capacity hot water	L/h	49	49
	Current	A	2,8	2,8
	Power	kW	0,61	0,61
	COP	-	3,292	
	Classification energy	-	A+	
	Declared profile	-	L	
	Temperature working	°C	-7°C~43°C	-7°C~43°C
Electrical resistance	Current	A	9,1	9,1
	Power	kW	2	2
	Temperature working	°C	-15°C~43°C	-15°C~43°C
	Maximum input power	bar	7	7
	Maximum current	bar	1,5~5	1,5~5
	Water temperature	°C	38~70	38~70
	Water tank capacity	L	200	200
	Sound pressure	dB(A)	≤ 60	≤ 60
FEATURES				
Refrigerant	Type	R410A	R410A	
	Charge	Kg	0,9	0,9
DIMENSIONS AND WEIGHT				
Net dimensions (ØxH)	mm	Ø 580x1.860	Ø 580x1.860	
Gross dimensions (WxHxD)	mm	680x1.940x680	680x1.940x680	
Net / Gross Weight	Kg	95 / 115	95 / 115	
CONNECTIONS				
Pump heating	Water inlet	DN20	DN20	
	Water outlet	DN20	DN20	
	Drainage	DN20	DN20	
	Drain valve	DN20	DN20	
	Solar interchanger input	-	DN20	
	Solar interchanger output	-	DN20	
	Material	ENAMELLED STEEL	ENAMELLED STEEL	

## NOTES:

1. Test conditions: dry tank 20°C, wet tank 15°C, water inlet temperature 10°C, water outlet temperature 52°C.
2. Operating range: -15°C / 43°C, heat pump operation range -7°C / 43°C
3. Product parameters are subject to change without notice and the nameplate always prevails.

# series VAX 300 / 500 L

Aerothermal  
accumulators

**3** YEARS  
WARRANTY  
**TOTAL**  
QUALITY COMMITMENT

**COP 4,3**

**COP 4,0**

\* Vax 300

\* Vax 500



**A** DHW



Refrigerant  
gas



Maximum water  
outlet temperature



Anti-legionella  
function



Defrost function



Solar powered  
(según MODEL)



Stainless steel  
tank



Easy installation



Replaces  
heater  
and thermos

## MODELS

### GIA-ATS-O-300VAX

### GIA-ATS-O-500VAX

Power supply	V.F.HZ	220-240V (1 Phase ~ 50Hz)			
Heat source	-	Mode ECO	Mode E-HEATER	Mode ECO	Mode E-HEATER
<b>PERFORMANCE</b>					
Heating capacity	Capacity kW	2,02	1,6	4	1,6
	Current A	3,2	6,8	6,2	6,8
	COP (condition1)	4,16	4,16	4,02	4,02
	COP (condition1)	2,89	2,89	2,76	2,76
	Consumption W	486	1.600	945	1600

## FEATURES

Tank capacity	300	500
Tank material	Stainless steel SUS 304	Stainless steel SUS 304
Water production *	L/h	45
Operating temperature	°C	-5°C~43°C
Water temperature	°C	Default 60°C
Sound pressure	dB(A)	46
Refrigerant	Type	R134A
	Charge KG	0,8
		1,45
<b>DIMENSIONS AND WEIGHT</b>		
Net dimensions (Ø x Al)	mm	Ø640x1.845
Gross dimensions (WxHxD)	mm	695x1.975x695
Net / gross weight	Kg	110 / 120
		122 / 127

## CONNECTIONS

Connections hydraulics	Water inlet	Inch.	G3/4	G3/4
	Water outlet	Inch.	G3/4	G3/4
	Drainage	Inch.	G3/4	G3/4
	Valve assembly	Inch.	G3/4	G3/4
Exchange solar heat	Water inlet	Inch.	G3/4	G3/4
	Water outlet	Inch.	G3/4	G3/4
	Material		INOX AISI 304	INOX AISI 304

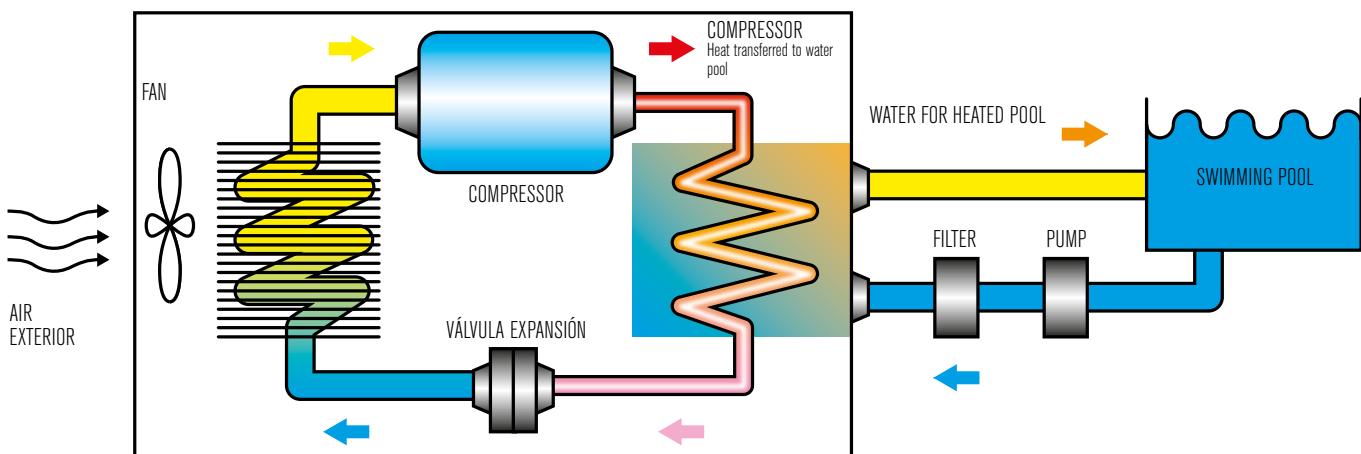
## NOTES:

- Condition 1: A: 20°C DB/15°C WB, W: 15°C-55°C
- Condition 2: EN16147, XL/XXL, A: 7°C DB/6°C WB, W\_C: 10°C-53°C
- During the disinfection action, the maximum temperature can reach 70°C through electrical heating.
- With a ΔT of 40°C.

# Swimming pool heat pumps

## Operation

The operation of a heat pump is based on the physical principles of the refrigerant gas, which is capable of absorbing the heat from the outside air and transferring it to the water in the circuit. The refrigerant gas remains in a closed circuit, so it does not evaporate to the outside. The refrigerant changes from a liquid to a gaseous state and vice versa through the action of an evaporator and condenser. Through the action of a compressor, the gas that has acquired the heat from the outside, when changing its state is able to transmit it to another circuit, in the case of the water in the swimming pool. Achieving heat the same a few degrees more.



## Features

This product includes a microcomputer control, allowing all operating parameters to be set. The operation status can be displayed on the LCD touch screen.

Multiple functions (cooling and heating; automatic operation, automatic restart, automatic defrost; WIFI connection; timer on/off, no human assistance required; wide operating range)

The unit can be installed outdoors. ABS plastic housing (high tenacity, even at low temperature, hard, rigid and with correct resistance to chemicals such as chlorine, PH stabilizers, etc., low water absorption and therefore high resistance to abrasion. Good dimensional stability).

Download the "Inverter temp" application for Apple & Android mobiles and tablets



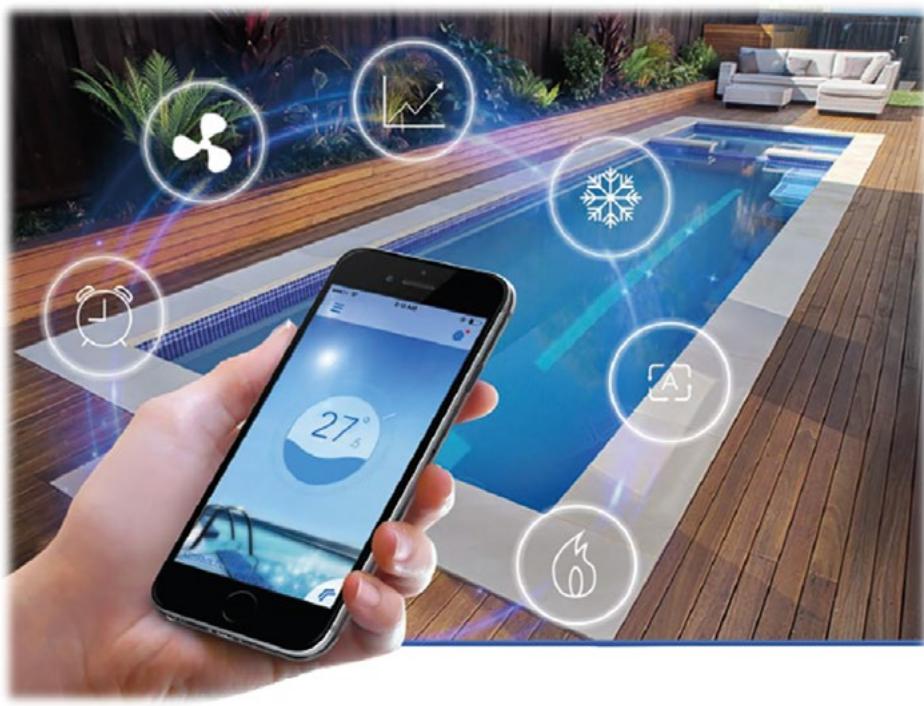
## Titanium exchanger

Our advanced titanium heat exchanger ensures a long service life that protects against corrosion and rust, allowing it to be used with all types of water treatment such as chlorine, iodine, bromine and even salt water.

# Swimming pool heat pumps

We have the most economical solution to efficiently heat a pool and extend the swimming season, with DC INVERTER technology, WIFI connection and R32.

## Control your pool from anywhere, anytime



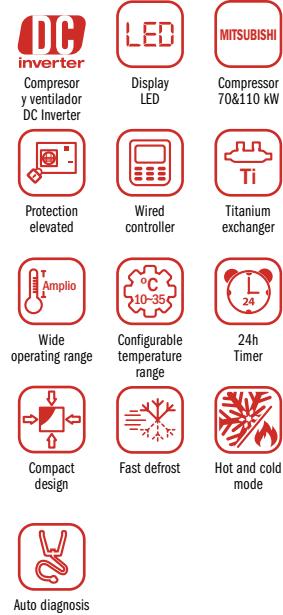
## Respect for the environment

Giatsu, true to its commitment to develop increasingly efficient and environmentally friendly products, has incorporated the R32 refrigerant reducing the potential impact on global warming. R32 is 3 times lower than other conventional refrigerants.



**3** YEARS  
WARRANTY  
**TOTAL**  
QUALITY COMMITMENT

EER **1,5** COP **5,8**



## MODELS

GIA-SWP-O-070LIO GIA-SWP-O-110LIO GIA-SWP-O-160LIO GIA-SWP-O-190LIO

Power supply	V.F.HZ	220-240V (1 Phase ~ 50Hz)		
Recommended pool volume <sup>5</sup>	m <sup>3</sup>	18-35	30-60	40-75

## PERFORMANCE

Ambient 27°C / Water 26°C / Moisture 80%					
Heating capacity	Capacity	kW	1,82 ~ 7,24	1,97 ~ 11,66	3,25 ~ 16,00
	Btu	6.210 ~ 24.700	6.698 ~ 39.644	11.050 ~ 54.400	11.900 ~ 63.580
	Consumption	kW	0,15 ~ 1,28	0,18 ~ 1,54	0,30 ~ 2,91
	COP	-	12,13 ~ 5,66	12,57 ~ 5,84	10,83 ~ 5,50
Ambient 15°C / Water 26°C / Moisture 70%					
Heating capacity	Capacity	kW	1,39 ~ 5,64	1,79 ~ 8,62	2,55 ~ 12,60
	Btu	4.740 ~ 19.240	6.086 ~ 29.308	8.670 ~ 42.840	8.670 ~ 47.600
	Consumption	kW	0,24 ~ 1,28	0,29 ~ 1,91	0,44 ~ 2,80
	COP	-	5,79 ~ 4,41	6,17 ~ 4,52	5,80 ~ 4,50
Ambient 10°C / Water 26°C / Moisture 64%					
Cooling capacity	Capacity	kW	1,10 ~ 4,25	1,37 ~ 6,56	2,40 ~ 10,00
	Btu	3.750 ~ 14.500	4.658 ~ 22.303	8.160 ~ 34.000	9.520 ~ 40.800
	Consumption	kW	0,24 ~ 1,33	0,27 ~ 1,79	0,53 ~ 2,94
	COP	-	4,58 ~ 3,20	5,07 ~ 3,66	4,53 ~ 3,40
Ambient 35°C / Water 18°C					
Cooling capacity	Capacity	kW	0,24 ~ 2,07	0,34 ~ 3,12	0,50 ~ 4,90
	Consumption	kW	0,21 ~ 1,41	0,23 ~ 2,60	0,41 ~ 3,22
	EER	-	1,14 ~ 1,47	1,20 ~ 1,50	1,22 ~ 1,52

## FEATURES

Caudal de Water	m <sup>3</sup> /h	2,4	3,7	5,2	6,0
Sound pressure	dB(A)	38 ~ 50	42 ~ 53	43 ~ 54	43 ~ 55
Min/max pressure	L/h	2,1/4,4	2,1/4,4	2,1/4,4	2,1/4,4
Operating temperature	°C	-5 ~ 40	-5 ~ 40	-5 ~ 40	-5 ~ 40
Water temperature	Refrigeration	°C	28 ~ 35	28 ~ 35	28 ~ 35
	Heating	°C	9 ~ 40	9 ~ 40	9 ~ 40
Refrigerant	Type	-	R32	R32	R32
	Charge	Kg	0,35	0,48	0,65
Compressor brand		Mitsubishi	Mitsubishi	HIGHLY	HIGHLY
Water resistance level		IPX4	IPX4	IPX4	IPX4

## DIMENSIONS AND WEIGHT

Net dimensions (W×H×D)	mm	1.000×605×418	1.000×605×418	1.046×767×453	1.160×862×490
Gross dimensions (W×H×D)	mm	1.030×615×435	1.030×615×435	1.130×780×480	1.210×880×510
Net/gross weight	Kg	42/51	51/62	66/79	74/88

## CONNECTIONS

Water inlet	mm	ø DN50	ø DN50	ø DN50	ø DN50
Water outlet	mm	ø DN50	ø DN50	ø DN50	ø DN50
Drainage	mm	ø DN20	ø DN20	ø DN20	ø DN20

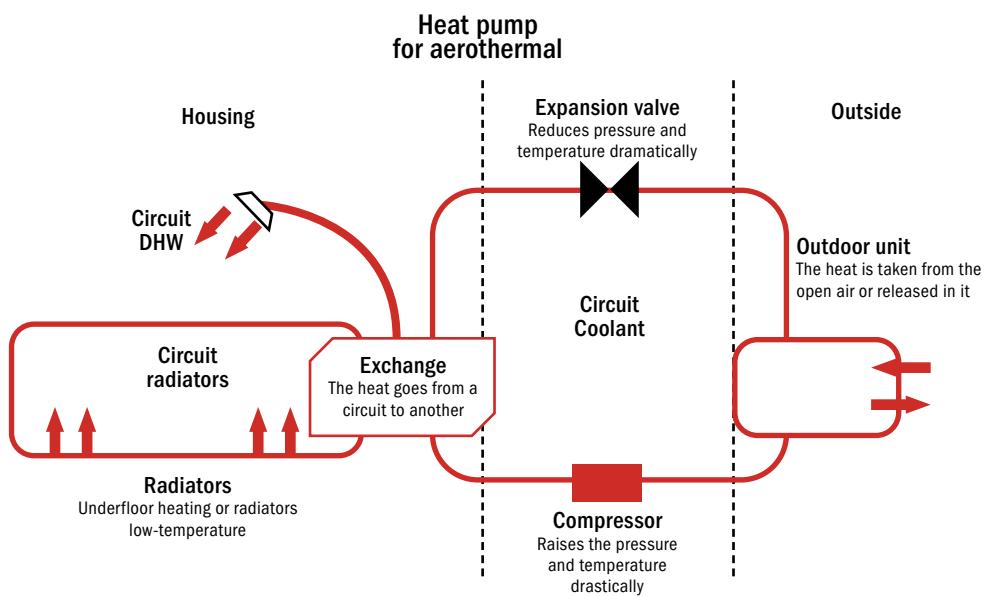
## NOTES:

- Condition 1: A: 20°C DB/15°C WB, W: 15°C-55°C
- Condition 2: EN16147, XL/XXL, A: 7°C DB/6°C WB, W\_C: 10°C-53°C
- During the disinfection action, the maximum temperature can reach 70°C through electrical heating.
- With a ΔT of 40°C.
- Depending on the conditions.

## TOTAL GREEN SOLUTION

### Heating, Refrigeration, Domestic hot water in one system

Eco-Thermal is an integrated system that heats and cools the space and produces domestic hot water. It offers a total and integrated solution all year round. This system can replace gas boilers, traditional fuels, or can also work simultaneously with them.



The principle of operation is simple: a heat pump draws in the air from outside and recovers the calories present in that air, transforms this energy into heat and transfers it to your home's heating circuit. This physical process is known as "thermodynamics".

- Renewable energy source.
- R410 and R32 gas, low CO<sub>2</sub> emissions, environmentally friendly
- Full DC inverter technology, high energy efficiency
- Sufficient heating capacity at a really low Ambient temperature (even at -20°C).
- Heating capacity, Refrigeration and Domestic Hot Water, total ecological solution.
- Compatible with other heat sources such as solar energy and boiler.



Refrigeration and heating.



Sanitary hot water.



Heating.



Underfloor heating.

# Eco-Thermal MONOBLOCK



**Exchange heating**  
Copper pipes with an internal diameter of 9.5 optimize the efficiency of heat exchange and the blue coating increases resistance against corrosive agents, improving durability.

**Hydronic Module**  
Integrated hydronic module with DC water pump and backup heater.

**DC Brushless Fan Motor**

The DC fan motor has super quiet operation and low power consumption.

**Compressor DC inverter**

The rotary DC inverter compressor is silent, has a wide working frequency and 30% less consumption.

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## A compact system: no coolant pipe connection

Eco-thermal Compact is the exterior unit that includes all hydronic parts, no refrigerant piping is required.



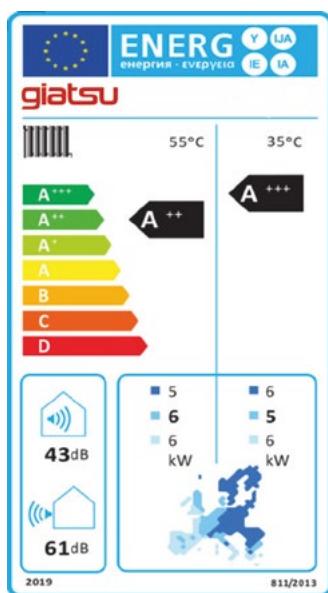


## WIFI and APP control

The wired controller performs intelligent control with a built-in WIFI module to receive the control signal from the application. Therefore, the Eco-Thermal Unit can be controlled through the application and the power consumption can be displayed on the application. In addition, the energy saving suggestion can be displayed in the application.

## Energy efficiency

The efficiency class for 5/7kW MODELS is A+++ for 35° space heating and A++ for 55° heating.



## Smart Grid

With the Smart Grid function, the ECO-Thermal Unit works according to the status of the power supply to decrease the cost of operation.



**Mode DWH**

It lights up and the temperature of the water tank will change to 70°C. TBH automatically turns on when the tank temperature is below 69°C.



**Normal Operation**



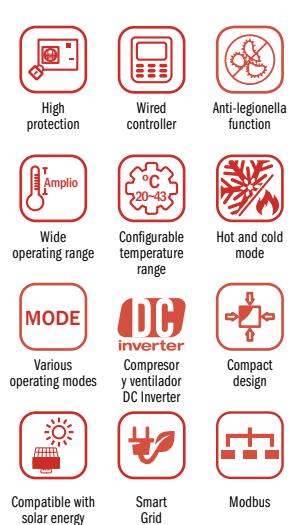
**Restricted operation**

The unit will operate for a certain time, then it will shut down.

**3** YEARS  
TOTAL  
QUALITY COMMITMENT



**EER 4,82** **COP 5,0**



## MODELS OUTDOOR UNIT

GIA-V5WD 2N8	GIA-V7WD 2N8	GIA-V12WD 2N8	GIA-V16WD 2N8	GIA-V16WD2RN8
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Power supply	V.F.HZ	220-240V (1 Phase ~ 50Hz)			380-415 (3 Phase ~ 50Hz)
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## PERFORMANCE

Heating <sup>1</sup>	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	4,94	4,81	4,45	4,49
Heating <sup>2</sup>	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 <sup>3</sup>	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
Refrigeration <sup>4</sup>	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
Heating efficiency	Water output 35°C	-	A+++			A++	
	Water output 55°C	-	A++			A++	
Ambient temperature range (Heating pump)	Refrigeration	°C	-5 ~ 43			-5 ~ 46	
	Heating	°C				-25 ~ 35	
	DHW	°C				-25 ~ 43	
Ambient temperature range	Refrigeration	°C				5 ~ 25	
	Heating	°C				25 ~ 60	
	DHW	°C				40 ~ 60	

## FEATURES

Compressor	Type	Twin-rotary inverter		
Fan	Engine type	Brushless DC motor		
	Air flow	m <sup>3</sup> /h	3.050	6.150
Heat exchanger (air-water)		Placas		
Water pump height	m.c.a	6,0	7,5	
Expansion tank	L	2,0	5	
Refrigerant	Type	R32		
	Charge	Kg	2,0	2,8
Regulator type		Electronic expansion valve		
Support electrical resistance	Standard	Kw	-	
	Optional	Kw	3	4,5
	Stages (Capacity)		1	1
Power supply	V/F/Hz	220-240/1/50		
Sound pressure	Heating	dB(A)	61	64
			68	71
			71	71

## DIMENSIONS AND WEIGHT

Net dimensions (W×H×D)	mm	1.210×945×402	1.404×1.414×405
Gross dimensions (W×H×D)	mm	1.500×1.140×450	1.475×1.580×440
Net/gross weight	Kg	92/111	158/178

## CONNECTIONS

Water pipe connections (W×H×D)	Inch.	1" H BSP	1 - 1/4" H BSP
Safety valve	MPa	0,3	0,3
Total volume of water	L	2	3,2

## NOTES:

- Nominal capacity based on the following conditions:  
 1. Evaporation of air at 7 °C C85% of R. H. Condensation of water inlet/outlet 30/35 °C.  
 2. Evaporation of air at 7 °C C85% of R. H. Condensation of water inlet/outlet 40/45 °C.  
 3. Air condensation at 35 °C. Evaporation of water in/out 23/18 °C.  
 4. Air condensation at 35 °C. Evaporation of water in/out 12/7 °C.  
 5. At 1 m in front of the fan in open field (Sound pressure).  
 6. The above data have been made under the following standards: EN14511:2013; EN14825:2013; EN50564:2011; EN12102:2011; (EU)N°:811:2013; (EU)N°:813:2013; OJ 2014/C 207/02:2014.

## EFFICIENT TECHNOLOGY Heating, Refrigeration and DHW



- The ECOTHERMAL Split system can be combined with underfloor heating, fan coil units, radiators and DHW tanks.
- It can also be connected to solar collectors, gas boilers and other heat sources.

### Internal hydraulic unit

All hydraulic components, circulation pump and expansion vessel are included in the unit.



Expansion vessel.



Flow switch.



Water pump.



Plate exchanger.



Manometer.



**EER 3,45** **COP 4,62**



High protection	Wired controller	Anti-legionella function
Extensive range of operation	Configurable temperature range	Hot and cold mode
R410A	ECO	Silent mode

Compatible with  
solar energy

## MODELS OUTDOOR UNIT

Power supply		V.F.HZ	GIA-AV4WD 2N1	GIA-AV8WD 2N1	GIA-AV12WD 2N1	GIA-AV16WD 2N1	GIA-AV16D 2RN1
<b>PERFORMANCE</b>							
Heating <sup>1</sup>	Capacity	kW	4,10	8,00	12,10	15,50	15,50
	Rated input	kW	0,82	1,73	2,74	3,82	3,79
	COP	-	5,00	4,62	4,42	4,06	4,09
Heating <sup>2</sup>	Capacity	kW	4,01	7,34	11,85	16,05	15,48
	Rated input	kW	1,13	2,13	3,48	5,03	4,87
	EER	-	3,55	3,45	3,41	3,19	3,18
Refrigeration <sup>3</sup>	Capacity	kW	4,10	8,00	11,70	13,80	14,50
	Rated input	kW	0,84	1,93	2,79	3,77	3,94
	COP	-	4,88	4,15	4,19	3,66	3,68
Refrigeration <sup>4</sup>	Capacity	kW	4,12	6,44	11,02	12,85	12,91
	Rated input	kW	1,30	2,24	4,17	5,39	5,52
	EER	-	3,17	2,88	2,64	2,38	2,34
Heating efficiency	Water output 35°C	-	A++	A++	A++	A++	A++
	Water output 55°C	-	A++	A++	A++	A++	A++
Ambient temperature range	Refrigeration	°C			-5-46		
	Heating	°C			-20-35		
	DHW	°C			-20-43		
<b>FEATURES</b>							
Compressor	Type		Twin-rotary inverter				
Fan	Tipo motor		Brushless DC motor				
	Flujo de aire	m <sup>3</sup> /h	3180	5120	6250	6250	6250
Heat exchanger (air)			Aletas				
Refrigerant	Type		R410A				
	Charge	Kg	2,5	2,8	3,9	3,9	4,2
Regulator Type							
Sound pressure	Heating	dB(A)	62	64	66	71	71
	Refrigeration	dB(A)	62	64	66	71	71
<b>DIMENSIONS AND WEIGHT</b>							
Net dimensions (W×H×D)	mm	960x860x380	1074x964x396	900x1327x400	900x1327x400	900x1327x400	
Gross dimensions (W×H×D)	mm	1040x1000x435	1120x1100x435	1030x1457x435	1030x1457x435	1030x1457x435	
Net/gross weight	Kg	60/72	76/78	99/112	99/112	115/126	
<b>CONNECTIONS</b>							
Liquid	Type	mm	Flared				
	Diameter		Ø9,5				
Gas	Type	mm	Flared				
	Diameter	m	Ø15,9				
Length	Min	m	2				
Height difference	Outdoor unit up	m	20	30	50	50	50
	Outdoor unit below	m	8	15	25	25	25

### NOTES:

- Nominal capacity based on the following conditions:  
 1. Evaporation of air at 7 °C °C85% of R. H. Condensation of water inlet/outlet 30/35 °C.  
 2. Evaporation of air at 7 °C °C85% of R. H. Condensation of water inlet/outlet 40/45 °C.  
 3. Air condensation at 35 °C. Evaporation of water in/out 23/18 °C.  
 4. Air condensation at 35 °C. Evaporation of water in/out 12/7 °C.  
 5. At 1 m in front of the fan in open field (Sound pressure).  
 6. The above data have been made under the following standards: EN14511:2013; EN14825:2013; EN50564:2011; EN12102:2011; (EU)Nº:811:2013; (EU)Nº:813:2013; OJ 2014/C 207/02:2014.



**EER 3,45** **COP 4,62**

- High protection
- Wired controller
- Anti-legionella function
  
- Extensive range of operation
- Configurable temperature range
- Hot and cold mode
  
- Refrigerant gas
- ECO
- Silent mode
  
- Compatible with solar energy

## MODELS INDOOR UNIT

		GIA-SMK80CD30GN1	GIA-SMK160CD30GN1-B	GIA-SMK160CSD45GN1-B
Power supply		V.F.HZ	220-240V (1 Phase ~ 50Hz)	
<b>PERFORMANCE</b>				
Water output temperature range	Heating	Low °C	25~55, by default 35	
		High °C	35~60, by default 45	
	Refrigeration	Low °C	5~25, by default 7	
		High °C	18~25, by default 18	
	DHW	°C	40~60, by default 45	
Electrical support resistance	Capacity	kW	3,0	3,0
	Stages	-	2	2
<b>DIMENSIONS AND WEIGHT</b>				
Net dimensions (WxHxD)		mm	400x865x427	400x865x427
Gross dimensions (WxHxD)		mm	495x1040x495	495x1040x495
Net/gross weight		Kg	43/51	54/62
<b>CONNECTIONS</b>				
Water circuit	Diameter of connection pipes	mm	DN25	DN25
	Safety valve	kPa	300	300
	Total volume	L	4,7	5,0
	Drainage pipe	mm	Ø16	Ø16
	Expansion tank	Volume L	3	3
	Heat exchanger (Water)	Max. Pressure kPa	800	800
		Pre-pressure kPa	150	150
	Water pump height	m.c.a	0,7	1,0
Cooling circuit	Liquid	mm	Ø9,5	Ø9,5
	Gas	mm-	Ø15,9	Ø15,9

Set	GIA-V4WD2K	GIA-V8WD2K	GIA-V12WD2K GIA-V16WD2K	GIA-V16WD2RK
Indoor unit	GIA-SMK80CD30GN1	GIA-SMK80CD30GN1	GIA-SMK160CD30GN1-B	GIA-SMK160CSD45GN1-B
Outdoor unit	GIA-AV4WD2N1	GIA-AV8WD2N1	GIA-AV12WD2N1 GIA-AV16WD2N1	GIA-AV16WD2RN1

# DHW deposit

We have 150, 200, 300 and 500L interaccumulators, for domestic and industrial use. Energy classification C.

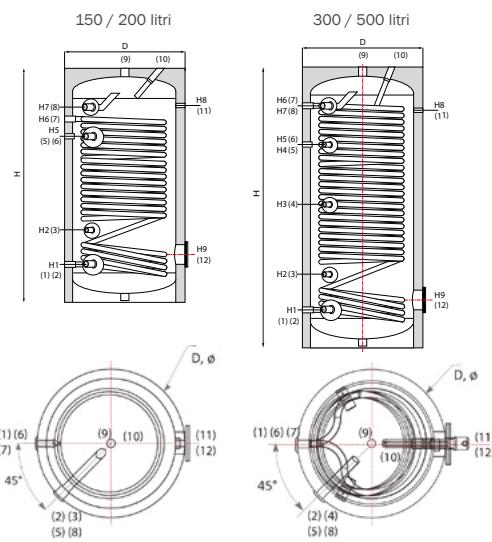
## Features

- Tank made of carbon steel ST 37.2 and lined on the inside with a layer of high quality ceramic glaze.
- Corrosion protection with magnesium anode.
- Fixed welded coil made of vitrified carbon steel.
- Polyurethane insulation, with a density of 40Kg/m<sup>3</sup> and a thickness of 50mm.
- High efficiency of heat transmission at low temperature.
- It complies with the ecological design requirements according to regulation 814/2013 and energy labelling according to regulation 812/2013.
- 2 years of Total Guarantee.



### Suitable for heat pump

- 1 Coil output (primary)
  - 2 Cold water inlet
  - 3 Instrument connection
  - 4 Instrument connection
  - 5 Instrument connection
  - 6 Connection for recirculation
  - 7 Coil input (primary)
  - 8 Hot water outlet
  - 9 Air purging
  - 10 Protection anode
  - 11 Instrument connection
  - 12 Resistance connection / manhole
- H Total height  
D Diameter with insulation  
DB Resistance connection



# series ASF

DHW deposit



European Conformity



Anti-corrosion magnesium anode



Polyurethane insulation



Vitrified ceramic coating



ECO



Vertical position



S/S 310S Resistance

64

## MODELS

	GIA-IVSF-150ASF	GIA-IVSF-200ASF	GIA-IVSF-300ASF	GIA-IVSF-500ASF	
Power supply	V.F.HZ	220-240V (1 Phase ~ 50Hz)			
Net volume	L	131	168	265	432
Heat loss	W	73	81	90	99
Energy class	C	C	C	C	C
Coil surface	m <sup>2</sup>	1,4	1,9	3,3	4,6
Power	kW	36	49	86	119
Production	L/h	893	1.212	2.105	2.935

## FEATURES

Tank and coil design pressure	bar	10
Tank and coil design temperature	°C	95

## DIMENSIONS

D	Ø	560	560	610	750
H	mm	1070	1340	1695	1895
H1	mm	182	182	228	250
H2	mm	410	410	368	433
H3	mm	-	-	1204	1372
H4	mm	697	967	1220	1298
H5	mm	652	922	1220	1392
H6	mm	872	1122	1476	1626
H7	mm	895	1160	1476	1643
H8	mm	868	1130	813	966
H9	mm	309	309	298	345
D8	mm	180	180	180	180

## FEMALE GAS THREADED CONNECTIONS

(1) (7)	Inch.	1"	1"	1"	1"
(2)	Inch.	1"	1"	1"	1 ½"
(3) (4) (5) (11)	Inch.	½"	½"	½"	½"
(6)	Inch.	¾"	¾"	¾"	1"
(8)	Inch.	1"	1"	1"	1 ½"
(9)	Inch.	1"	1"	1"	1"
(10)	Inch.	1 ¼"	1 ¼"	1 ¼"	1 ¼"
(12)	Inch.	1 ½"	1 ½"	1 ½"	1 ½"

## NOTES:

Technical parameters according to regulation 812-814/2013.

# 2x1 COMBINATIONS

GIA-M02-041IX41BR32

## COOLING

Combinations		Rated capacity (kW)		Cooling capacity (kW)			Power consumption (kW)			EER (W/W)	SEER	SEER Energ. Clas.
A	B	A	B	Min.	Nom.	Max.	Min.	Nom.	Max.			
7	—	2,00	—	1,23	2,00	2,90	0,30	0,62	0,77	3,25	—	—
9	—	2,50	—	1,23	2,50	3,20	0,30	0,77	0,96	3,25	—	—
12	—	3,50	—	1,23	3,50	3,90	0,30	1,08	1,35	3,25	—	—
18	—	4,10	—	1,35	4,10	4,90	0,40	1,27	1,59	3,23	—	—
7	7	2,05	2,05	1,76	4,10	4,92	0,44	1,27	1,59	3,23	5,6	A+
7	9	1,79	2,31	1,76	4,10	4,92	0,44	1,27	1,59	3,23	5,6	A+
7	12	1,51	2,59	1,76	4,10	4,92	0,44	1,27	1,59	3,23	5,6	A+
9	9	2,05	2,05	1,76	4,10	4,92	0,44	1,27	1,59	3,23	5,6	A+
9	12	1,76	2,34	1,76	4,10	4,92	0,44	1,27	1,59	3,23	5,6	A+

## HEATING

Combinations		Rated capacity (kW)		Heating capacity (kW)			Power consumption (kW)			COP (W/W)	SCOP	SCOP Energ. Clas.
A	B	A	B	Min.	Nom.	Max.	Min.	Nom.	Max.			
7	—	2,45	—	1,32	2,50	2,82	0,28	0,67	0,83	3,75	—	—
9	—	2,92	—	1,32	2,90	3,36	0,28	0,78	0,97	3,73	—	—
12	—	3,75	—	1,32	3,80	4,31	0,28	1,02	1,28	3,72	—	—
18	—	4,40	—	1,45	4,40	5,24	0,38	1,19	1,48	3,71	—	—
7	7	2,20	2,20	1,89	4,40	5,28	0,42	1,19	1,48	3,71	3,8	A
7	9	1,93	2,48	1,89	4,40	5,28	0,42	1,19	1,48	3,71	3,8	A
7	12	1,62	2,78	1,89	4,40	5,28	0,42	1,19	1,48	3,71	3,8	A
9	9	2,20	2,20	1,89	4,40	5,28	0,42	1,19	1,48	3,71	3,8	A
9	12	1,89	2,51	1,89	4,40	5,28	0,42	1,19	1,48	3,71	3,8	A

GIA-M02-052IX41BR32

## COOLING

Combinations		Rated capacity (kW)		Cooling capacity (kW)			Power consumption (kW)			EER (W/W)	SEER	SEER Energ. Clas.
A	B	A	B	Min.	Nom.	Max.	Min.	Nom.	Max.			
7	—	2,00	—	1,43	2,00	2,90	0,35	0,60	0,75	3,35	—	—
9	—	2,50	—	1,43	2,50	3,20	0,35	0,75	0,93	3,35	—	—
12	—	3,50	—	1,43	3,50	3,90	0,35	1,08	1,29	3,25	—	—
18	—	5,00	—	1,64	5,00	5,51	0,45	1,55	1,88	3,23	—	—
7	7	2,10	2,10	2,12	4,20	5,62	0,54	1,23	2,04	3,41	6,0	A+
7	9	2,06	2,64	2,12	4,70	5,83	0,54	1,46	2,04	3,23	6,0	A+
7	12	1,92	3,28	2,12	5,20	6,41	0,54	1,61	2,04	3,23	6,0	A+
7	18	1,50	3,88	2,12	5,35	6,47	0,54	1,65	2,04	3,25	6,0	A+
9	9	2,65	2,65	2,12	5,30	6,41	0,54	1,63	2,04	3,24	6,0	A+
9	12	2,27	3,03	2,12	5,30	6,41	0,54	1,63	2,04	3,24	6,0	A+
9	18	1,78	3,57	2,12	5,35	6,47	0,54	1,65	2,04	3,25	6,0	A+
12	12	2,65	2,65	2,12	5,30	6,41	0,54	1,63	2,04	3,24	6,0	A+

## HEATING

Combinations		Rated capacity (kW)		Heating capacity (kW)			Power consumption (kW)			COP (W/W)	SCOP	SCOP Energ. Clas.
A	B	A	B	Min.	Nom.	Max.	Min.	Nom.	Max.			
7	—	2,50	—	1,56	2,50	3,03	0,32	0,67	0,83	3,75	—	—
9	—	3,00	—	1,56	3,00	3,63	0,32	0,80	1,00	3,75	—	—
12	—	3,80	—	1,56	3,80	4,60	0,32	1,00	1,20	3,81	—	—
18	—	5,20	—	1,73	5,20	5,79	0,42	1,35	1,74	3,85	—	—
7	7	2,50	2,50	2,23	5,00	6,04	0,47	1,24	1,74	4,03	3,8	A
7	9	2,32	2,98	2,23	5,30	6,13	0,47	1,34	1,74	3,95	3,8	A
7	12	2,03	3,47	2,23	5,50	6,36	0,47	1,37	1,74	4,01	3,8	A
7	18	1,60	4,14	2,23	5,70	6,60	0,47	1,42	1,74	4,01	3,8	A
9	9	2,79	2,79	2,23	5,57	6,68	0,47	1,39	1,74	4,01	3,8	A
9	12	2,40	3,20	2,23	5,60	6,68	0,47	1,40	1,74	4,01	3,8	A
9	18	1,93	3,87	2,23	5,80	6,72	0,47	1,45	1,74	4,01	3,8	A
12	12	2,80	2,80	2,23	5,60	6,96	0,47	1,40	1,74	4,01	3,8	A

# 3x1 COMBINATIONS

GIA-M03-061IX41BR32

COOLING										HEATING																			
Combinations			Rated capacity (kW)			Cooling capacity (kW)			Power consumption (kW)			EER (W/W)	SEER	SEER Energ. Clas.	Combinations			Rated capacity (kW)			Heating capacity (kW)			Power consumption (kW)			COOP (W/W)	SCOP	SCOP Energ. Clas.
A	B	C	A	B	C	Min.	Nom.	Max.	Min.	Nom.	Max.				A	B	C	A	B	C	Min.	Nom.	Max.	Min.	Nom.	Max.			
7	-	-	2,00	-	-	1,43	2,00	2,90	0,38	0,62	0,77	3,23	-	-	7	-	-	2,50	-	-	1,43	2,50	3,03	0,35	0,67	0,84	3,71	-	-
9	-	-	2,50	-	-	1,43	2,50	3,20	0,38	0,77	0,97	3,23	-	-	9	-	-	3,00	-	-	1,43	3,00	3,63	0,35	0,81	1,01	3,71	-	-
12	-	-	3,50	-	-	1,43	3,50	3,90	0,38	1,08	1,30	3,23	-	-	12	-	-	3,80	-	-	1,43	3,80	4,60	0,35	1,02	1,23	3,71	-	-
18	-	-	5,00	-	-	1,65	5,00	6,50	0,48	1,55	1,78	3,23	-	-	18	-	-	5,20	-	-	1,78	5,20	6,80	0,45	1,40	2,05	3,71	-	-
7	7	-	2,10	2,10	-	2,01	4,20	5,49	0,57	1,30	1,89	3,23	5,6	A+	7	7	-	2,50	2,50	-	2,18	5,00	5,94	0,53	1,35	1,78	3,71	3,8	A
7	9	-	2,06	2,64	-	2,01	4,70	5,80	0,57	1,46	1,98	3,23	5,6	A+	7	9	-	2,45	3,15	-	2,18	5,60	6,27	0,53	1,51	1,87	3,71	3,8	A
7	12	-	1,95	3,35	-	2,01	5,30	6,10	0,57	1,64	2,08	3,23	5,6	A+	7	12	-	2,17	3,73	-	2,18	5,90	6,60	0,53	1,59	1,96	3,71	3,8	A
7	18	-	1,76	4,54	-	2,01	6,30	6,83	0,57	1,95	2,17	3,23	5,6	A+	7	18	-	1,82	4,68	-	2,18	6,50	7,39	0,53	1,75	2,05	3,71	3,8	A
9	9	-	2,65	2,65	-	2,01	5,30	6,41	0,57	1,64	2,08	3,23	5,6	A+	9	9	-	2,95	2,95	-	2,18	5,90	6,93	0,53	1,59	1,96	3,71	3,8	A
9	12	-	2,57	3,43	-	2,01	6,00	6,59	0,57	1,86	2,12	3,23	5,6	A+	9	12	-	2,70	3,60	-	2,18	6,30	7,13	0,53	1,70	1,99	3,71	3,8	A
9	18	-	2,10	4,20	-	2,01	6,30	6,83	0,57	1,94	2,17	3,24	5,6	A+	9	18	-	2,20	4,40	-	2,18	6,60	7,39	0,53	1,78	2,05	3,71	3,8	A
12	12	-	3,10	3,10	-	2,01	6,20	6,83	0,57	1,92	2,17	3,23	5,6	A+	12	12	-	3,15	3,15	-	2,18	6,30	7,39	0,53	1,70	2,05	3,71	3,8	A
7	7	7	2,03	2,03	2,03	2,44	6,10	7,20	0,68	1,89	2,36	3,23	6,1	A++	7	7	7	2,20	2,20	2,20	2,31	6,60	7,79	0,64	1,78	2,22	3,71	4,0	A+
7	7	9	1,92	1,92	2,47	2,44	6,30	7,26	0,68	1,95	2,36	3,23	6,1	A++	7	7	9	2,02	2,02	2,60	2,31	6,65	7,79	0,64	1,79	2,22	3,72	4,0	A+
7	7	12	1,70	1,70	2,91	2,44	6,30	7,32	0,68	1,94	2,36	3,24	6,1	A++	7	7	12	1,80	1,80	3,09	2,31	6,70	7,92	0,64	1,80	2,22	3,72	4,0	A+
7	9	9	1,76	2,27	2,27	2,44	6,30	7,32	0,68	1,94	2,36	3,24	6,1	A++	7	9	9	1,88	2,41	2,41	2,31	6,70	7,92	0,64	1,80	2,22	3,72	4,0	A+
7	9	12	1,58	2,03	2,70	2,44	6,30	7,32	0,68	1,94	2,36	3,24	6,1	A++	7	9	12	1,68	2,15	2,87	2,31	6,70	7,92	0,64	1,80	2,22	3,72	4,0	A+
9	9	9	2,10	2,10	2,10	2,44	6,30	7,32	0,68	1,94	2,36	3,24	6,1	A++	9	9	9	2,23	2,23	2,23	2,31	6,70	7,92	0,64	1,81	2,22	3,71	4,0	A+
9	9	12	1,89	1,89	2,52	2,44	6,30	7,32	0,68	1,94	2,36	3,24	6,1	A++	9	9	12	2,01	2,01	2,68	2,31	6,70	7,92	0,64	1,80	2,22	3,72	4,0	A+

GIA-M03-080IX41BR32

COOLING										HEATING																			
Combinations			Rated capacity (kW)			Cooling capacity (kW)			Power consumption (kW)			EER (W/W)	SEER	SEER Energ. Clas.	Combinations			Rated capacity (kW)			(kW)			Power consumption (kW)			COOP (W/W)	SCOP	SCOP Energ. Clas.
A	B	C	A	B	C	Min.	Nom.	Max.	Min.	Nom.	Max.				A	B	C	A	B	C	Min.	Nom.	Max.	Min.	Nom.	Max.			
7	-	-	2,00	-	-	1,58	2,00	2,90	0,40	0,62	0,77	3,23	-	-	7	-	-	2,50	-	-	1,64	2,50	2,90	0,40	0,67	0,84	3,73	-	-
9	-	-	2,50	-	-	1,58	2,50	3,20	0,40	0,77	0,97	3,23	-	-	9	-	-	3,00	-	-	1,64	3,00	3,20	0,40	0,80	1,01	3,73	-	-
12	-	-	3,50	-	-	1,58	3,50	3,90	0,40	1,08	1,30	3,23	-	-	12	-	-	3,80	-	-	1,64	3,80	3,90	0,40	1,02	1,22	3,73	-	-
18	-	-	5,00	-	-	1,78	5,00	6,50	0,50	1,55	1,78	3,23	-	-	18	-	-	5,20	-	-	1,89	5,20	7,22	0,50	1,39	1,59	3,75	-	-
7	7	-	2,10	2,10	-	2,21	4,20	6,32	0,64	1,30	2,08	3,23	5,6	A+	7	7	-	2,50	2,50	-	2,30	5,00	6,56	0,55	1,31	1,78	3,81	3,8	A
7	9	-	2,06	2,64	-	2,21	4,70	6,72	0,64	1,46	2,20	3,23	5,6	A+	7	9	-	2,45	3,15	-	2,30	5,60	6,97	0,55	1,47	1,89	3,81	3,8	A
7	12	-	1,95	3,35	-	2,21	5,30	7,11	0,64	1,64	2,45	3,23	5,6	A+	7	12	-	2,21	3,79	-	2,30	6,00	7,38	0,55	1,57	2,10	3,81	3,8	A
7	18	-	1,82	4,68	-	2,21	6,50	7,90	0,64	2,01	2,69	3,23	5,6	A+	7	18	-	1,96	5,04	-	2,30	7,00	8,20	0,55	1,84	2,31	3,81	3,8	A
9	9	-	2,65	2,65	-	2,21	5,30	7,11	0,64	1,64	2,45	3,23	5,6	A+	9	9	-	3,00	3,00	-	2,30	6,00	7,38	0,55	1,57	2,10	3,81	3,8	A
9	12	-	2,57	3,43	-	2,21	6,00	7,51	0,64	1,86	2,57	3,23	5,6	A+	9	12	-	2,70	3,60	-	2,30	6,30	7,79	0,55	1,65	2,20	3,81	3,8	A
9	18	-	2,27	4,53	-	2,21	6,80	7,90	0,64	2,09	2,69	3,25	5,6	A+	9	18	-	2,33	4,67	-	2,30	7,00	8,20	0,55	1,84	2,31	3,81	3,8	A
12	12	-	3,15	3,15	-	2,21	6,30	7,66	0,64	1,94	2,64	3,24	5,6	A+	12	12	-	3,25	3,25	-	2,30	6,50	7,95	0,55	1,71	2,26	3,81	3,8	A
12	18	-	2,72	4,08	-	2,21	6,80	7,90	0,64	2,09	2,69	3,25	5,6	A+	12	18	-	2,80	4,20	-	2,30	7,00	8,20	0,55	1,84	2,31	3,81	3,8	A
7	7	7	2,43	2,43	2,43	2,77	7,30	8,69	0,76	2,26	2,91	3,23	6,1	A++	7	7	7	2,27	2,27	2,27	2,27	6,80	9,84	0,65	1,75	2,62	3,88	4,0	A+
7	7	9	2,25	2,25	2,90	2,77	7,40	8,69	0,76	2,29	2,91	3,23	6,1	A++	7	7	9	2,13	2,13	2,74	2,87	7,00	9,84	0,65	1,80	2,62	3,88	4,0	A+
7	7	12	2,13	2,13	3,65	2,77	7,90	8,69	0,76	2,45	2,91	3,23	6,1	A++	7	7	12	2,13	2,13	3,65	2,87	7,90	9,84	0,65	2,03	2,62	3,90	4,0	A+
7	7	18	1,73	1,73	4,44</																								

# 4x1 COMBINATIONS

GIA-M04-082IX41BR32

COOLING												HEATING																							
Combinations				Rated capacity (kW)				Cooling capacity (kW)			Power consumption (kW)			EER (W/W)		SEER Energ. Clas.		Combinations				Rated capacity (kW)				Heating capacity (kW)			Power consumption (kW)			COP (W/W)		SCOP Energ. Clas.	
A	B	C	D	A	B	C	D	Min.	Nom.	Max.	Min.	Nom.	Max.			A	B	C	D	A	B	C	D	Min.	Nom.	Max.	Min.	Nom.	Max.						
7	-	-	-	2,00	-	-	-	1,52	2,00	2,90	0,40	0,62	0,77	3,23	-	-	7	-	-	-	2,50	-	-	-	1,63	2,50	2,90	0,40	0,67	0,83	3,75	-	-		
9	-	-	-	2,50	-	-	-	1,52	2,50	3,20	0,40	0,77	0,97	3,23	-	-	9	-	-	-	3,00	-	-	-	1,63	3,00	3,20	0,40	0,80	1,00	3,75	-	-		
12	-	-	-	3,50	-	-	-	1,52	3,50	3,90	0,40	1,08	1,30	3,23	-	-	12	-	-	-	3,80	-	-	-	1,63	3,80	3,90	0,40	1,01	1,22	3,75	-	-		
18	-	-	-	5,00	-	-	-	1,72	5,00	6,50	0,50	1,55	1,78	3,23	-	-	18	-	-	-	5,60	-	-	-	1,85	5,60	6,78	0,50	1,48	1,70	3,78	-	-		
7	7	-	-	2,10	2,10	-	-	2,05	4,20	6,08	0,64	1,30	2,03	3,23	5,1	A	7	7	-	-	2,50	2,50	-	-	2,20	5,00	6,51	0,55	1,31	1,76	3,81	3,4	A		
7	9	-	-	2,06	2,64	-	-	2,05	4,70	6,40	0,64	1,46	2,16	3,23	5,1	A	7	9	-	-	2,45	3,15	-	-	2,20	5,60	6,86	0,55	1,47	1,87	3,81	3,4	A		
7	12	-	-	1,95	3,35	-	-	2,05	5,30	6,81	0,64	1,64	2,29	3,23	5,1	A	7	12	-	-	2,21	3,79	-	-	2,20	6,00	7,30	0,55	1,57	1,98	3,81	3,4	A		
7	18	-	-	1,96	5,04	-	-	2,05	7,00	7,55	0,64	2,17	2,80	3,23	5,1	A	7	18	-	-	2,18	5,62	-	-	2,20	7,80	8,10	0,55	2,03	2,42	3,85	3,4	A		
9	9	-	-	2,65	2,65	-	-	2,05	5,30	6,81	0,64	1,64	2,29	3,23	5,1	A	9	9	-	-	3,00	3,00	-	-	2,20	6,00	7,30	0,55	1,57	1,98	3,81	3,4	A		
9	12	-	-	2,57	3,43	-	-	2,05	6,00	6,98	0,64	1,86	2,41	3,23	5,1	A	9	12	-	-	3,00	4,00	-	-	2,20	7,00	7,48	0,55	1,84	2,09	3,81	3,4	A		
9	18	-	-	2,43	4,87	-	-	2,05	7,30	7,55	0,64	2,26	2,80	3,23	5,1	A	9	18	-	-	2,63	5,27	-	-	2,20	7,90	8,10	0,55	2,05	2,42	3,85	3,4	A		
12	12	-	-	3,25	3,25	-	-	2,05	6,50	7,39	0,64	2,01	2,49	3,23	5,1	A	12	12	-	-	3,75	3,75	-	-	2,20	7,50	7,92	0,55	1,97	2,16	3,81	3,4	A		
12	18	-	-	2,92	4,38	-	-	2,05	7,30	7,55	0,64	2,26	2,80	3,23	5,1	A	12	18	-	-	3,20	4,80	-	-	2,20	8,00	8,10	0,55	2,08	2,42	3,85	3,4	A		
18	18	-	-	3,75	3,75	-	-	2,05	7,50	7,55	0,64	2,32	2,80	3,23	5,1	A	18	18	-	-	4,00	4,00	-	-	2,20	8,00	8,10	0,55	2,08	2,42	3,85	3,4	A		
7	7	7	-	2,00	2,00	2,00	-	2,63	6,00	8,46	0,76	1,86	2,95	3,23	5,6	A+	7	7	7	-	2,33	2,33	2,33	-	2,82	7,00	9,06	0,66	1,79	2,55	3,90	3,5	A		
7	7	9	-	1,98	1,98	2,54	-	2,63	6,50	8,46	0,76	2,01	2,95	3,23	5,6	A+	7	7	9	-	2,37	2,37	3,05	-	2,82	7,80	9,06	0,66	2,00	2,55	3,90	3,5	A		
7	7	12	-	1,91	1,91	3,28	-	2,63	7,10	8,46	0,76	2,20	2,95	3,23	5,6	A+	7	7	12	-	2,26	2,26	3,88	-	2,82	8,40	9,06	0,66	2,14	2,55	3,92	3,5	A		
7	7	18	-	1,71	1,71	4,39	-	2,63	7,80	8,46	0,76	2,41	2,95	3,23	5,6	A+	7	7	18	-	1,88	1,88	4,84	-	2,82	8,60	9,06	0,66	2,19	2,55	3,92	3,5	A		
7	9	9	-	1,90	2,45	2,68	-	2,63	6,80	8,46	0,76	2,11	2,95	3,23	5,6	A+	7	9	9	-	2,35	3,02	2,68	-	2,82	8,40	9,06	0,66	2,14	2,55	3,92	3,5	A		
7	9	12	-	1,88	2,41	3,21	-	2,63	7,50	8,46	0,76	2,32	2,95	3,23	5,6	A+	7	9	12	-	2,13	2,73	3,64	-	2,82	8,50	9,06	0,66	2,17	2,55	3,92	3,5	A		
7	9	18	-	1,61	2,06	4,13	-	2,63	7,80	8,46	0,76	2,41	2,95	3,23	5,6	A+	7	9	18	-	1,77	2,28	4,55	-	2,82	8,60	9,06	0,66	2,18	2,55	3,95	3,5	A		
7	12	12	-	1,76	3,02	3,02	-	2,63	7,80	8,46	0,76	2,41	2,95	3,23	5,6	A+	7	12	12	-	1,94	3,33	3,33	-	2,82	8,60	9,06	0,66	2,19	2,55	3,92	3,5	A		
7	12	18	-	1,48	2,53	3,79	-	2,63	7,80	8,46	0,76	2,41	2,95	3,23	5,6	A+	7	12	18	-	1,63	2,79	4,18	-	2,82	8,60	9,06	0,66	2,18	2,55	3,95	3,5	A		
9	9	9	-	2,37	2,37	2,37	-	2,63	7,10	8,46	0,76	2,20	2,95	3,23	5,6	A+	9	9	9	-	2,87	2,87	2,87	-	2,82	8,60	9,06	0,66	2,19	2,55	3,92	3,5	A		
9	9	12	-	2,34	2,34	3,12	-	2,63	7,80	8,46	0,76	2,41	2,95	3,23	5,6	A+	9	9	12	-	2,58	2,58	3,44	-	2,82	8,60	9,06	0,66	2,19	2,55	3,92	3,5	A		
9	9	18	-	1,95	1,95	3,90	-	2,63	7,80	8,46	0,76	2,41	2,95	3,23	5,6	A+	9	9	18	-	2,15	2,15	4,30	-	2,82	8,60	9,06	0,66	2,18	2,55	3,95	3,5	A		
9	12	12	-	2,13	2,84	2,84	-	2,63	7,80	8,46	0,76	2,41	2,95	3,23	5,6	A+	9	12	12	-	2,35	3,13	3,13	-	2,82	8,60	9,06	0,66	2,19	2,55	3,92	3,5	A		
9	12	18	-	1,80	2,40	3,60	-	2,63	7,80	8,46	0,76	2,41	2,95	3,23	5,6	A+	9	12	18	-	1,98	2,65	3,97	-	2,82	8,60	9,06	0,66	2,18	2,55	3,95	3,5	A		
12	12	12	-	2,60	2,60	2,60	-	2,63	7,80	8,46	0,76	2,41	2,95	3,23	5,6	A+	12	12	12	-	2,87	2,87	2,87	-	2,82	8,60	9,06	0,66	2,18	2,55	3,95	3,5	A		
7	7	7	2,05	2,05	2,05	2,05	2,87	8,21	9,93	0,86	2,54	3,18	3,23	6,1	A++	7	7	7	2,20	2,20	2,20	2,20	3,08	8,80	10,65	0,75	2,20	2,75	4,00	3,8	A				
7	7	7	9	1,92	1,92	1,92	2,46	2,87	8,21	9,93	0,86	2,54	3,18	3,23	6,1	A++	7	7	9	2,08	2,08	2,08	2,67	3,08	8,90	10,65	0,75	2,22	2,75	4,01	3,8	A			
7	7	7	12	1,74	1,74	1,74	2,99	2,87	8,21	9,93	0,86	2,54	3,18	3,23	6,1	A++	7	7	7	12	1,91	1,91	1,91	3,27	3,08	9,00	10,65	0,75	2,24	2,75	4,01	3,8	A		
7	7	7	18	1,47	1,47	1,47	3,79	2,87	8,21	9,93	0,86	2,53	3,18	3,25	6,1	A++	7	7	7	18	1,63	1,63	1,63	4,20	3,08	9,10	10,65	0,75	2,27	2,75	4,01	3,8	A		
7	7	9	9	1,80	1,80	2,31	2,31	2,87	8,21	9,93	0,86	2,54	3,18	3,23	6,1	A++	7	7	9	9	1,95	1,95	2,50	2,50	3,08	8,90	10,65	0,75	2,22	2,75	4,01	3,8	A		
7	7	9	12	1,64	1,64	2,11	2,81	2,87	8,21	9,93	0,86	2,54	3,18	3,23	6,1	A++	7	7	9	12	1,80	1,80	2,31	3,09	3,08	9,00	10,65	0,75	2,24	2,75	4,01	3,8	A		
7	7	12	12	1,51	1,51	2,59	2,59	2,87	8,21	9,93	0,86	2,53	3,18	3,24	6,1	A++	7	7	12	12	1,68	1,68	2,87	2,87	3,08	9,10	10,65	0,75	2,27	2,75	4,01	3,8	A		
7	9	9	9	1,69	2,17	2,17	2,17	2,87	8,21	9,93	0,86	2,54	3,18	3,23	6,1	A++	7	9	9	9	1,83	2,													

# 4x1 COMBINATIONS

GIA-M04-105IX41BR32

COOLING																HEATING																	
Combinations				Rated capacity (kW)				Cooling capacity (kW)			Power consumption (kW)			EER (W/W)	SEER Energ. Clas.	Combinations				Rated capacity (kW)				Heating capacity (kW)			Power consumption (kW)			COP (W/W)	SCOP Energ. Clas.		
A	B	C	D	A	B	C	D	Min.	Nom.	Max.	Min.	Nom.	Max.			A	B	C	D	A	B	C	D	Min.	Nom.	Max.	Min.	Nom.	Max.				
7	-	-	-	2,00	-	-	-	1,59	2,00	2,90	0,45	0,61	0,76	3,28	-	-	-	-	-	2,50	-	-	-	1,67	2,50	2,90	0,45	0,67	0,84	3,73	-		
9	-	-	-	2,50	-	-	-	1,59	2,50	3,20	0,45	0,76	0,95	3,28	-	-	-	-	-	3,00	-	-	-	1,67	3,00	3,20	0,45	0,80	1,01	3,73	-		
12	-	-	-	3,50	-	-	-	1,59	3,50	3,90	0,45	1,07	1,28	3,28	-	-	-	-	-	3,80	-	-	-	1,67	3,80	3,90	0,45	1,02	1,22	3,73	-		
18	-	-	-	5,00	-	-	-	1,80	5,00	6,50	0,58	1,52	1,75	3,28	-	-	-	-	-	5,20	-	-	-	1,89	5,20	7,00	0,55	1,39	1,59	3,75	-		
24	-	-	-	7,00	-	-	-	2,23	7,00	8,00	0,62	2,13	2,45	3,28	-	-	-	-	-	7,20	-	-	-	1,89	7,20	8,00	0,58	1,91	2,20	3,76	-		
7	7	-	-	2,10	2,10	-	-	2,23	4,20	6,36	0,62	1,28	2,13	3,28	5,1	A	-	-	-	-	2,50	2,50	-	-	2,33	5,00	6,66	0,54	1,32	1,84	3,78	,3,4	
7	9	-	-	2,06	2,64	-	-	2,23	4,70	6,57	0,62	1,43	2,30	3,28	5,1	A	-	-	-	-	2,45	3,15	-	-	2,33	5,60	6,88	0,54	1,48	1,98	3,78	,3,4	
7	12	-	-	2,03	3,47	-	-	2,23	5,50	6,89	0,62	1,68	2,46	3,28	5,1	A	-	-	-	-	2,21	3,79	-	-	2,33	6,00	7,22	0,54	1,59	2,12	3,78	,3,4	
7	18	-	-	1,96	5,04	-	-	2,23	7,00	8,48	0,62	2,13	2,89	3,28	5,2	A	-	-	-	-	2,24	5,76	-	-	2,33	8,00	8,88	0,54	2,12	2,49	3,78	,3,4	
7	24	-	-	2,03	6,97	-	-	2,23	9,00	9,54	0,62	2,74	3,08	3,28	5,2	A	-	-	-	-	2,17	7,43	-	-	2,33	9,60	10,77	0,54	2,54	2,65	3,78	,3,4	
9	9	-	-	2,65	2,65	-	-	2,23	5,30	6,89	0,62	1,62	2,46	3,28	5,2	A	-	-	-	-	3,00	3,00	-	-	2,33	6,00	7,22	0,54	1,59	2,12	3,78	,3,4	
9	12	-	-	2,57	3,43	-	-	2,23	6,00	7,42	0,62	1,83	2,63	3,28	5,2	A	-	-	-	-	3,00	4,00	-	-	2,33	7,00	7,77	0,54	1,85	2,26	3,78	,3,4	
9	18	-	-	2,50	5,00	-	-	2,23	7,50	9,54	0,62	2,29	2,95	3,28	5,2	A	-	-	-	-	2,93	5,87	-	-	2,33	8,80	9,99	0,54	2,33	2,54	3,78	,3,4	
9	24	-	-	2,59	6,91	-	-	2,23	9,50	10,07	0,62	2,90	3,15	3,28	5,2	A	-	-	-	-	2,67	7,13	-	-	2,33	9,80	10,66	0,54	2,58	2,68	3,80	,3,4	
12	12	-	-	3,50	3,50	-	-	2,23	7,00	7,95	0,62	2,13	2,79	3,28	5,2	A	-	-	-	-	3,75	3,75	-	-	2,33	7,50	8,33	0,54	1,98	2,40	3,78	,3,4	
12	18	-	-	3,40	5,10	-	-	2,23	8,50	10,07	0,62	2,59	2,95	3,28	5,2	A	-	-	-	-	3,76	5,64	-	-	2,33	9,40	10,55	0,54	2,49	2,54	3,78	,3,4	
12	24	-	-	3,33	6,67	-	-	2,23	10,00	10,60	0,62	3,09	3,22	3,24	5,2	A	-	-	-	-	3,33	6,67	-	-	2,33	10,00	10,88	0,54	2,63	2,77	3,80	,3,4	
18	18	-	-	5,00	5,00	-	-	2,23	10,00	10,60	0,62	3,09	3,28	3,24	5,2	A	-	-	-	-	5,05	5,05	-	-	2,33	10,10	11,10	0,54	2,66	2,82	3,80	,3,5	
7	7	7	-	2,00	2,00	2,00	-	2,86	6,00	7,42	0,79	1,80	2,95	3,33	5,6	A+	-	7	7	7	-	2,50	2,50	2,50	-	3,00	7,50	7,77	0,68	1,96	2,54	3,82	,3,6
7	7	9	-	1,98	1,98	2,54	-	2,86	6,50	7,95	0,79	1,98	3,12	3,28	5,6	A+	-	7	7	9	-	2,37	2,37	3,05	-	3,00	7,80	8,33	0,68	2,04	2,68	3,82	,3,6
7	7	12	-	2,02	2,02	3,46	-	2,86	7,50	9,01	0,79	2,29	3,28	3,28	5,6	A+	-	7	7	12	-	2,29	2,29	3,92	-	3,00	8,50	9,44	0,68	2,23	2,82	3,82	,3,6
7	7	18	-	1,97	1,97	5,06	-	2,86	9,00	11,66	0,79	2,74	3,61	3,28	5,8	A+	-	7	7	18	-	2,34	2,34	6,02	-	3,00	10,70	12,21	0,68	2,78	3,11	3,85	,3,6
7	7	24	-	1,84	1,84	6,32	-	2,86	10,00	11,66	0,79	3,09	3,61	3,24	5,8	A+	-	7	7	24	-	1,97	1,97	6,76	-	3,00	10,70	12,21	0,68	2,78	3,11	3,85	,3,6
7	9	9	-	1,96	2,52	2,52	-	2,86	7,00	9,01	0,79	2,13	3,28	3,28	5,8	A+	-	7	9	9	-	2,38	3,06	3,06	-	3,00	8,50	9,44	0,68	2,23	2,82	3,82	,3,6
7	9	12	-	2,00	2,57	3,43	-	2,86	8,00	10,07	0,79	2,44	3,45	3,28	5,8	A+	-	7	9	12	-	2,50	3,21	4,29	-	3,00	10,00	10,55	0,68	2,62	2,97	3,82	,3,6
7	9	18	-	1,96	2,51	5,03	-	2,86	9,50	11,66	0,79	2,93	3,61	3,24	5,8	A+	-	7	9	18	-	2,20	2,83	5,66	-	3,00	10,70	12,21	0,68	2,78	3,11	3,85	,3,6
7	9	24	-	1,75	2,25	6,00	-	2,86	10,00	11,66	0,79	3,09	3,61	3,24	5,8	A+	-	7	9	24	-	1,87	2,41	6,42	-	3,00	10,70	12,21	0,68	2,78	3,11	3,85	,3,6
7	12	12	-	2,03	3,48	3,48	-	2,86	9,00	10,60	0,79	2,78	3,45	3,24	5,8	A+	-	7	12	12	-	2,28	3,91	3,91	-	3,00	10,10	11,10	0,68	2,62	2,97	3,85	,3,6
7	12	18	-	1,89	3,24	4,86	-	2,86	10,00	11,66	0,79	3,09	3,61	3,24	5,8	A+	-	7	12	18	-	2,02	3,47	5,21	-	3,00	10,70	12,21	0,68	2,78	3,11	3,85	,3,6
7	12	24	-	1,63	2,79	5,58	-	2,86	10,00	11,66	0,79	3,09	3,61	3,24	5,8	A+	-	7	12	24	-	1,74	2,99	5,97	-	3,00	10,70	12,21	0,68	2,78	3,11	3,85	,3,6
7	18	18	-	1,63	4,19	4,19	-	2,86	10,00	11,66	0,79	3,09	3,61	3,24	5,8	A+	-	7	18	18	-	1,74	4,48	4,48	-	3,00	10,70	12,21	0,68	2,78	3,11	3,85	,3,6
9	9	9	-	2,50	2,50	2,50	-	2,86	7,50	10,07	0,79	2,31	3,45	3,24	5,8	A+	-	9	9	9	-	3,33	3,33	3,33	-	3,00	10,00	10,55	0,68	2,62	2,97	3,82	,3,6
9	9	12	-	2,55	2,55	3,40	-	2,86	8,50	10,60	0,79	2,62	3,45	3,24	5,8	A+	-	9	9	12	-	3,03	3,03	4,04	-	3,00	10,10	11,10	0,68	2,62	2,97	3,85	,3,6
9	9	18	-	2,50	5,00	-	-	2,86	10,00	11,66	0,79	3,09	3,61	3,24	5,8	A+	-	9	9	18	-	2,68	2,68	5,35	-	3,00	10,70	12,21	0,68	2,78	3,11	3,85	,3,6
9	9	24	-	2,14	2,14	5,71	-	2,86	10,00	11,66	0,79	3,09	3,61	3,24	5,8	A+	-	9	9	24	-	2,29	2,29	6,11	-	2,73	10,70	11,11	0,62	2,78	2,85	3,85	,3,6
9	12	12	-	2,59	3,45	3,45	-	2,86	9,50	11,66	0,79	2,93	3,61	3,24	5,8	A+	-	9	12	12	-	2,92	3,89	3,89	-	3,00	10,70	12,21	0,68	2,78	3,11	3,85	,3,6
9	12	18	-	2,31	3,08	4,62	-	2,86	10,00	11,66	0,79	3,09	3,61	3,24	5,8	A+	-	9	12	18	-	2,47	3,29	4,94	-	3,00	10,70	12,21	0,68	2,78	3,11	3,85	,3,6
9	12	24	-	2,00	2,67	5,33	-	2,86	10,00	11,66	0,79	3,09	3,61	3,24	5,8	A+</																	

# 5x1 COMBINATIONS

GIA-M05-120IX41BR32

COOLING

Combinations					Rated capacity (kW)					Cooling capacity (kW)			Power consumption (kW)			EER (W/W)	SEER	SEER Energ. Clas.
A	B	C	D	E	A	B	C	D	E	Min.	Nom.	Max.	Min.	Nom.	Max.			
7	-	-	-	-	2,00	-	-	-	-	1,66	2,00	2,90	0,45	1,02	1,28	3,22	-	-
9	-	-	-	-	2,50	-	-	-	-	1,66	2,50	3,20	0,45	1,28	1,60	3,20	-	-
12	-	-	-	-	3,50	-	-	-	-	1,66	3,50	3,90	0,45	1,78	2,15	3,18	-	-
18	-	-	-	-	5,00	-	-	-	-	1,85	5,00	6,50	0,58	1,98	2,28	3,12	-	-
24	-	-	-	-	7,00	-	-	-	-	2,09	7,00	8,20	0,70	2,30	2,42	3,07	-	-
7	7	-	-	-	2,10	2,10	-	-	-	2,34	4,20	7,38	0,72	1,34	2,46	3,16	5,1	A
7	9	-	-	-	2,09	2,69	-	-	-	2,34	4,78	7,63	0,72	1,52	2,63	3,14	5,1	A
7	12	-	-	-	2,08	3,57	-	-	-	2,34	5,65	8,00	0,72	1,80	2,84	3,12	5,1	A
7	18	-	-	-	2,07	5,32	-	-	-	2,34	7,38	9,84	0,72	2,35	3,01	3,06	5,1	A
7	24	-	-	-	2,04	6,98	-	-	-	2,34	9,02	11,69	0,72	2,88	3,39	3,01	5,1	A
9	9	-	-	-	2,68	2,68	-	-	-	2,34	5,36	8,00	0,72	1,71	2,84	3,12	5,1	A
9	12	-	-	-	2,67	3,56	-	-	-	2,34	6,23	8,61	0,72	1,98	2,89	3,10	5,1	A
9	18	-	-	-	2,65	5,31	-	-	-	2,34	7,96	11,07	0,72	2,54	3,18	3,04	5,1	A
9	24	-	-	-	2,62	6,98	-	-	-	2,34	9,60	12,30	0,72	3,06	3,61	2,99	5,1	A
12	12	-	-	-	3,55	3,55	-	-	-	2,34	7,09	9,23	0,72	2,26	3,01	3,07	5,1	A
12	18	-	-	-	3,53	5,30	-	-	-	2,34	8,83	11,69	0,72	2,82	3,48	3,02	5,1	A
12	24	-	-	-	3,49	6,98	-	-	-	2,34	10,47	12,30	0,72	3,34	3,82	2,97	5,1	A
18	18	-	-	-	5,28	5,28	-	-	-	2,34	10,56	12,30	0,72	3,37	3,82	2,96	5,1	A
18	24	-	-	-	4,93	6,57	-	-	-	2,34	11,50	12,50	0,72	3,88	3,83	2,96	5,1	A
7	7	7	-	-	2,04	2,04	2,04	-	-	2,89	6,13	7,38	0,89	1,58	3,40	3,10	5,3	A
7	7	9	-	-	2,04	2,04	2,62	-	-	2,89	6,71	8,61	0,89	1,73	3,62	3,08	5,3	A
7	7	12	-	-	2,04	2,04	3,50	-	-	2,89	7,58	9,23	0,89	1,95	3,83	3,06	5,3	A
7	7	18	-	-	2,04	2,04	5,24	-	-	2,89	9,31	11,07	0,89	2,40	4,04	3,00	5,3	A
7	7	24	-	-	2,02	2,02	6,92	-	-	2,89	10,95	12,99	0,89	2,82	4,26	2,95	5,3	A
7	9	9	-	-	2,04	2,62	2,62	-	-	2,89	7,29	9,23	0,89	1,87	3,75	3,06	5,3	A
7	9	12	-	-	2,04	2,62	3,49	-	-	2,89	8,15	10,46	0,89	2,10	3,92	3,04	5,3	A
7	9	18	-	-	2,04	2,62	5,24	-	-	2,89	9,89	11,07	0,89	2,54	4,17	2,98	5,3	A
7	9	24	-	-	2,02	2,59	6,92	-	-	2,89	11,53	12,92	0,89	2,97	4,43	2,93	5,3	A
7	12	12	-	-	2,04	3,49	3,49	-	-	2,89	9,02	11,07	0,89	2,32	4,04	3,01	5,3	A
7	12	18	-	-	2,04	3,49	5,23	-	-	2,89	10,76	12,30	0,89	2,77	4,26	2,96	5,3	A
7	12	24	-	-	2,02	3,46	6,92	-	-	2,89	12,40	12,92	0,89	3,19	4,43	2,91	5,3	A
7	18	18	-	-	2,03	5,23	5,23	-	-	2,89	12,49	12,92	0,89	3,21	4,43	2,90	5,3	A
9	9	9	-	-	2,62	2,62	2,62	-	-	2,89	7,86	10,46	0,89	2,02	4,26	3,05	5,3	A
9	9	12	-	-	2,62	2,62	3,49	-	-	2,89	8,73	12,92	0,89	2,25	4,04	3,02	5,3	A
9	9	18	-	-	2,62	2,62	5,23	-	-	2,89	10,47	12,30	0,89	2,69	4,26	2,97	5,3	A
9	9	24	-	-	2,59	2,59	6,92	-	-	2,89	12,11	12,99	0,89	3,12	4,43	2,91	5,3	A
9	12	12	-	-	2,62	3,49	3,49	-	-	2,89	9,60	11,07	0,89	2,47	4,04	2,99	5,3	A
9	12	18	-	-	2,62	3,49	5,23	-	-	2,89	11,34	11,69	0,89	2,92	4,26	2,94	5,3	A
9	12	24	-	-	2,60	3,46	6,92	-	-	2,89	12,98	12,92	0,89	3,34	4,43	2,89	5,3	A
9	18	18	-	-	2,61	5,23	5,23	-	-	2,89	13,07	12,92	0,89	3,36	4,43	2,89	5,3	A
12	12	12	-	-	3,49	3,49	3,49	-	-	2,89	10,47	12,92	0,89	3,69	4,17	2,97	5,3	A
12	12	18	-	-	3,49	3,49	5,23	-	-	2,89	12,20	12,92	0,89	3,14	4,43	2,91	5,3	A
12	12	24	-	-	3,46	3,46	6,92	-	-	2,89	13,84	12,92	0,89	3,56	4,43	2,89	5,3	A
12	18	18	-	-	3,48	5,23	5,23	-	-	2,89	13,94	12,92	0,89	3,59	4,43	2,89	5,3	A
12	18	24	-	-	2,67	4,00	5,33	-	-	2,89	12,00	12,92	0,89	4,15	4,43	2,89	5,3	A
18	18	18	-	-	4,00	4,00	4,00	-	-	2,89	12,00	12,92	0,89	4,15	4,43	2,89	5,3	A
7	7	7	7	-	2,00	2,00	2,00	2,00	-	3,69	8,00	10,50	1,02	2,63	3,83	3,04	5,6	A+
7	7	7	9	-	1,98	1,98	1,98	2,55	-	3,69	8,50	11,07	1,02	2,81	4,04	3,02	5,6	A+
7	7	7	12	-	2,02	2,02	2,02	3,45	-	3,69	9,50	11,69	1,02	3,17	4,17	3,00	5,6	A+
7	7	7	18	-	2,06	2,06	2,06	5,31	-	3,69	11,50	12,30	1,02	3,91	4,68	2,94	5,6	A+
7	7	7	24	-	1,87	1,87	1,87	6,40	-	3,69	12,00	13,53	1,02	4,15	4,89	2,89	5,6	A+
7	7	9	9	-	2,08	2,08	2,67	2,67	-	3,69	9,50	11,69	1,02	3,16	4,17	3,00	5,6	A+
7	7	9	12	-	2,00	2,00	2,57	3,43	-	3,69	10,00	12,30	1,02	3,36	4,68	2,98	5,6	A+
7	7	9	18	-	1,96	1,96	2,52	5,05	-	3,69	11,50	12,30	1,02	3,93	4,68	2,92	5,6	A+
7	7	9	24	-	1,79	1,79	2,30	6,13	-	3,69	12,00	13,53	1,02	4,15	4,89	2,89	5,6	A+
7	7	12	12	-	1,93	1,93	3,32	3,32	-	3,69	10,50	12,92	1,02	3,56	4,68	2,95	5,6	A+
7	7	12	18	-	1,83	1,83	3,14	4,70	-	3,69	11,50	13,53	1,02	3,97	4,68	2,90	5,6	A+
7	7	12	24	-	1,72	1,72	2,95	5,90	-	3,69	12,30	13,53	1,02	4,26	4,89	2,89	5,6	A+
7	7	18	18	-	1,72	1,72	4,43	4,43	-	3,69	12,30	13,53	1,02	4,26	4,89	2,89	5,6	A+
7	7	18	24	-	1,54	1,54	3,95	5,27	-	3,69	12,30	13,53	1,02	4,26	4,89	2,89	5,6	A+
7	9	9	9	-	2,06	2,65	2,65	-	-	3,69	10,00	12,30	1,02	3,35	4,68	2,99	5,6	A+
7	9	9	12	-	1,99	2,55	2,55	3,41	-	3,69	10,50	12,92	1,02	3,55	4,68	2,96	5,6	A+
7	9	9	18	-	1,87	2,41	2,41	4,81	-	3,69	11,50	13,53	1,02	3,96	4,68	2,91	5,6	A+
7	9	9	24	-	1,76	2,26	2,6	6,02	-	3,69	12,30	13,53	1,02	4,26	4,89	2,89	5,6	A+
7	9	12	12	-	2,01	2,59	3,45	3,45	-	3,69	11,50	13,53	1,02	3,92	4,68	2,93	5,6	A+
7	9	12	18	-	1,83	2,35	3,13	4,70	-	3,69	12,00	13,53	1,02	4,15	4,89	2,89	5,6	A+
7	9	12	24	-	1,66	2,13	2,84	5,68	-	3,69	12,30	13,53	1,02	4,26	4,89	2,89	5,6	A+
7	9	18	18	-	1,66	2,13	4,26	4,26	-	3,69	12,30	13,53	1,02	4,26	4,89	2,89	5,6	A+
7	9	18	24	-	1,48	1,91	3,82	5,09	-	3,69	12,30	13,53	1,02	4,23	4,89	2,91	5,6	A+
7	12	12	12	-	1,87	3,21	3,21	3,21	-	3,69	11,50	13,53	1,02	3,96	4,68	2,91	5,6	A+
7	12	12</td																

# 5x1 COMBINATIONS

HEATING																																					
Combinations					Rated capacity (kW)					Heating capacity (kW)		Power consumption (kW)		COP (W/W)	SCOP Energ. Clas.		HEATING																				
A	B	C	D	E	A	B	C	D	E	Min.	Nom.	Max.	Min.	Nom.	Max.		A	B	C	D	E	A	B	C	D	E	Min.	Nom.	Max.	Min.	Nom.	Max.	COP (W/W)	SCOP Energ. Clas.			
7	-	-	-	-	2,50	-	-	-	-	1,66	2,50	2,90	0,45	0,67	0,83	3,75	-	-	7	12	18	18	-	1,53	2,62	3,93	3,93	-	3,69	12,00	13,53	0,74	3,07	3,56	3,91	3,4	A
9	-	-	-	-	3,00	-	-	-	-	1,66	3,00	3,20	0,45	0,80	1,00	3,75	-	-	9	9	9	9	-	3,00	3,00	3,00	3,00	-	3,69	12,00	13,53	0,74	3,07	3,41	3,91	3,4	A
12	-	-	-	-	3,80	-	-	-	-	1,66	3,80	3,90	0,45	1,01	1,22	3,75	-	-	9	9	9	12	-	2,77	2,77	2,77	3,69	-	3,69	12,00	13,53	0,74	3,07	3,41	3,91	3,4	A
18	-	-	-	-	5,20	-	-	-	-	1,85	5,20	7,00	0,58	1,38	1,59	3,76	-	-	9	9	9	9	18	-	2,40	2,40	4,80	-	3,69	12,00	13,53	0,74	3,07	3,56	3,91	3,4	A
24	-	-	-	-	7,20	-	-	-	-	2,09	7,20	8,50	0,70	1,90	2,00	3,78	-	-	9	9	9	24	-	2,17	2,17	5,79	-	3,69	12,30	13,53	0,74	3,15	3,56	3,91	3,4	A	
7	7	-	-	-	2,50	2,50	-	-	-	2,34	5,00	7,38	0,53	1,32	1,80	3,80	3,0	B	9	9	12	12	-	2,57	2,57	3,43	3,43	-	3,69	12,00	13,53	0,74	3,07	3,41	3,91	3,4	A
7	9	-	-	-	2,45	3,15	-	-	-	2,34	5,60	7,63	0,53	1,47	1,92	3,80	3,0	B	9	9	12	18	-	2,25	2,25	3,00	4,50	-	3,69	12,00	13,53	0,74	3,07	3,56	3,91	3,4	A
7	12	-	-	-	2,21	3,79	-	-	-	2,34	6,00	8,00	0,53	1,58	2,08	3,80	3,0	B	9	9	12	24	-	2,05	2,05	2,73	5,47	-	3,69	12,30	13,53	0,74	3,15	3,56	3,91	3,4	A
7	18	-	-	-	2,24	5,76	-	-	-	2,34	8,00	9,84	0,53	2,11	2,20	3,80	3,0	B	9	9	18	18	-	2,00	2,00	4,00	4,00	-	3,69	12,00	13,53	0,74	3,07	3,56	3,91	3,4	A
7	24	-	-	-	2,21	7,59	-	-	-	2,34	9,80	11,69	0,53	2,58	2,48	3,80	3,0	B	9	12	12	12	-	2,40	3,20	3,20	3,20	-	3,69	12,00	13,53	0,74	3,07	3,41	3,91	3,4	A
9	9	-	-	-	3,00	3,00	-	-	-	2,34	6,00	8,00	0,53	1,58	2,08	3,80	3,0	B	9	12	12	18	-	2,12	2,82	2,82	4,24	-	3,69	12,00	13,53	0,74	3,07	3,56	3,91	3,4	A
9	12	-	-	-	2,91	3,89	-	-	-	2,34	6,80	8,61	0,53	1,79	2,11	3,80	3,0	B	9	12	12	24	-	1,94	2,59	2,59	5,18	-	3,69	12,30	13,53	0,74	3,15	3,56	3,91	3,4	A
9	18	-	-	-	2,93	5,87	-	-	-	2,34	8,80	11,07	0,53	2,32	2,32	3,80	3,0	B	9	12	18	18	-	1,89	2,53	3,79	3,79	-	3,69	12,00	13,53	0,74	3,07	3,56	3,91	3,4	A
9	24	-	-	-	2,78	7,42	-	-	-	2,34	10,20	12,30	0,53	2,68	2,63	3,80	3,0	B	12	12	12	12	-	3,00	3,00	3,00	3,00	-	3,69	12,00	13,53	0,74	3,07	3,41	3,91	3,4	A
12	12	-	-	-	3,75	3,75	-	-	-	2,34	7,50	9,23	0,53	1,97	2,20	3,80	3,0	B	12	12	12	18	-	2,67	2,67	4,00	4,00	-	3,69	12,00	13,53	0,74	3,07	3,56	3,91	3,4	A
12	18	-	-	-	3,76	5,64	-	-	-	2,34	9,40	11,69	0,53	2,47	2,54	3,80	3,0	B	7	7	7	7	7	2,46	2,46	2,46	2,46	4,18	12,30	14,94	0,84	3,11	3,87	3,95	3,5	A	
12	24	-	-	-	3,50	7,00	-	-	-	2,34	10,50	12,30	0,53	2,76	2,79	3,80	3,0	B	7	7	7	9	2,33	2,33	2,33	2,33	4,18	12,30	14,94	0,84	3,11	3,87	3,95	3,5	A		
18	18	-	-	-	5,50	5,50	-	-	-	2,34	11,00	12,30	0,53	2,89	2,79	3,80	3,0	B	7	7	7	7	12	2,15	2,15	2,15	2,15	4,18	12,30	14,94	0,84	3,11	3,87	3,95	3,5	A	
18	24	-	-	-	4,93	6,57	-	-	-	2,34	11,50	12,50	0,53	3,01	2,79	3,82	3,0	B	7	7	7	7	18	1,87	1,87	1,87	1,87	4,18	12,30	14,94	0,84	3,10	3,87	3,97	3,5	A	
7	7	7	-	-	2,50	2,50	2,50	-	-	2,89	7,50	8,61	0,65	1,95	2,48	3,85	3,2	B	7	7	7	7	24	1,66	1,66	1,66	1,66	4,18	12,30	14,94	0,84	3,08	3,87	4,00	3,5	A	
7	7	9	-	-	2,37	2,37	3,05	-	-	2,89	7,80	9,23	0,65	2,03	2,63	3,85	3,2	B	7	7	7	9	2,21	2,21	2,21	2,21	4,18	12,30	14,94	0,84	3,11	3,87	3,95	3,5	A		
7	7	12	-	-	2,29	2,29	3,92	-	-	2,89	8,50	9,84	0,65	2,21	2,79	3,85	3,2	B	7	7	7	9	12	2,05	2,05	2,64	3,51	4,18	12,30	14,94	0,84	3,11	3,87	3,95	3,5	A	
7	7	18	-	-	2,52	2,52	6,47	-	-	2,89	11,50	12,30	0,65	2,99	2,94	3,85	3,2	B	7	7	7	9	18	1,79	1,79	2,31	4,61	4,18	12,30	14,94	0,84	3,08	3,87	4,00	3,5	A	
7	7	24	-	-	2,21	2,21	7,58	-	-	2,89	12,00	12,92	0,65	3,12	3,10	3,85	3,2	B	7	7	7	9	24	1,59	1,59	1,59	2,05	4,18	12,30	14,94	0,84	3,08	3,87	4,00	3,5	A	
7	9	9	-	-	2,38	3,06	3,06	-	-	2,89	8,50	9,84	0,65	2,21	2,73	3,85	3,2	B	7	7	7	12	12	1,91	1,91	1,91	3,28	4,18	12,30	14,94	0,84	3,11	3,87	3,95	3,5	A	
7	9	12	-	-	2,50	3,21	4,29	-	-	2,89	10,00	12,30	0,65	2,60	2,85	3,85	3,2	B	7	7	7	12	18	1,69	1,69	1,69	2,89	4,34	4,18	12,30	14,94	0,84	3,08	3,87	4,00	3,5	A
7	9	18	-	-	2,37	3,04	6,09	-	-	2,89	11,50	12,30	0,65	2,99	3,04	3,85	3,2	B	7	7	7	12	24	1,51	1,51	1,51	2,59	5,18	4,18	12,30	14,94	0,84	3,08	3,87	4,00	3,5	A
7	9	24	-	-	2,10	2,70	7,20	-	-	2,89	12,00	12,92	0,65	3,12	3,22	3,85	3,2	B	7	7	7	18	18	1,51	1,51	1,51	3,88	4,18	12,30	14,94	0,84	3,08	3,87	4,00	3,5	A	
7	12	12	-	-	2,48	4,26	4,26	-	-	2,89	11,00	12,30	0,65	2,86	2,94	3,85	3,2	B	7	7	9	9	21	2,10	2,10	2,70	2,70	4,18	12,30	14,94	0,84	3,11	3,87	3,95	3,5	A	
7	12	18	-	-	2,18	3,73	5,59	-	-	2,89	11,50	12,30	0,65	2,99	3,10	3,85	3,2	B	7	7	9	9	12	1,96	1,96	2,52	3,35	4,18	12,30	14,94	0,84	3,11	3,87	3,95	3,5	A	
7	12	24	-	-	1,95	3,35	6,70	-	-	2,89	12,00	12,92	0,65	3,12	3,22	3,85	3,2	B	7	7	9	9	18	1,72	1,72	2,21	2,21	4,18	12,30	14,94	0,84	3,08	3,87	4,00	3,5	A	
7	18	18	-	-	1,95	3,43	5,14	-	-	2,89	12,00	12,92	0,65	3,12	3,22	3,85	3,2	B	7	9	9	9	12	1,76	2,26	2,26	3,01	3,01	4,18	12,30	14,94	0,84	3,08	3,87	3,95	3,5	A
12	12	24	-	-	3,00	3,00	6,00	-	-	2,89	12,00	12,92	0,65	3,12	3,22	3,85	3,2	B	7	9	9	9	12	1,57	2,01	2,01	2,68	4,03	4,18	12,30	14,94	0,84	3,08	3,87	4,00	3,5	A
12	18	18	-	-	3,00	4,50	4,50	-	-	2,89	12,00	12,92	0,65	3,12	3,22	3,85	3,2	B	7	9	12	12	12	1,66	2,13	2,84	2,84	4,18	12,30	14,94	0,84	3,08	3,87	4,00	3,5	A	
12	18	24	-	-	2,67	4,00	5,33	-	-	2,89	12,00	12,92	0,65	3,12	3,22	3,85	3,2	B</td																			





# Sales conditions

## 1. General conditions

The general sales conditions described below shall apply to all sales made by GIATSU and shall be known and accepted by the buyer when placing his order, these being of total application, except denial by GIATSU.

## 2. Acceptance of orders

The receipt of a written document incorporating a company logo, trade name or social name, the description of the requested materials and to be able to be at the agreed price, reference or order number or any other information that may be required for its correct validation in the process of accepting the invoice are considered a order. All these must be accepted and signed by the buyer and sent to GIATSU by fax to the number 933 904 205 or through e-mail: (info@groupgia.com).

Order acceptances are strictly limited to the supplies and/or benefits expressly listed in the document.

Telephone orders are not allowed.

For equipment orders that GIATSU don't have in usual stock and they have to be requested and specially manufactured, 30% of the total amount must be paid as guarantee reserve. Without this booking payment GIATSU will not proceed with any order.

## 3. Order Revocation

GIATSU reserves the right to cancel outstanding orders when the buyer has breached in full or in part previous contracts/agreements.

Accepted orders may not be cancelled in the following cases:

- When the order has been shipped.

- In the case of special-fabricated material, the latter would have started to be manufactured. (In these cases the buyer refuses 30 % of the total order).

## 4. Prices and shipping

The rate indicates the retail which is the Price of Sale to the Public without VAT. The sales prices indicated in the current rate of each moment, includes the delivery of the equipment from our logistic centers to the stores of the buyer, direction of delivery indicated or on foot of work on truck in all the Peninsula and Balearic Islands. Shipments to the Canary Islands, Ceuta and Melilla are excluded from delivery and are at the expense of the applicant.

GIATSU, reserves the right to modify the prices of its price list, and in these cases must notify customers.

GIATSU doesn't commit, nor guarantees deliveries of merchandise at agreed hours in the day or delivery in private homes. All deliveries will be made on the agreed day during business hours.

## 5. Reception of order

The customer has to examine / review the product, within 24 hours from the date of receipt indicated on the delivery note of the transport company. After this period it is considered that the customer receives the product in full conformity and will not be entitled to claim any damage. For any damage or doubt in the original packaging, however small, it is necessary to indicate it on the delivery note, so that it can be replaced

## 6. Order delivery

Orders will be delivered within an average period of 72 hours excluding holidays, without prejudice to what is indicated on the delivery note / invoice by agreement between the parties. Delivery times are approximate and no damage, interest, penalty, fine or compensation will be recognised to the buyer in case of delay, for whatever reason.

## 7. Payment conditions

Payment for products supplied by GIATSU will be made as cash payments by bank transfer. In the case where the insurance company grants credit to the buyer, the maximum payment periods, will be those established by Law 15/2010, of 5 July, amending Law 3/2004 of 29 December and always agreed by GIATSU.

## 8. Returns

GIATSU will not accept returns of merchandise supplied and delivered, except in justified and authorized cases by GIATSU, where it is necessary that they are in perfect condition, packaging and operation.

Written and numbered authorization will be required for the reception of the merchandise in our dependencies and the postage originated by the said return will always be at the expense of the buyer.

If, after inspection, the material does not meet these requirements, a demerit of its payment, which may be up to the total of the original value invoiced on the order.

## 9. Guarantee

GIATSU guarantees the entire range of products sold in Spain and Portugal for a minimum period of 2 years in parts, labor and displacement. However, the duration of the guarantee for each product range is specified in this rate, due some equipments have an extension of guarantee. All VRV studies provided by GIATSU are orientative. In accordance with the above, GIATSU will repair or replace any defective product due to design failures, to the materials used in its manufacture, according to the following conditions:

•The customer must provide the purchase invoice, along with the complete information about the defect, which must be approved by the technical assistance department of GIATSU

•Any anomaly or external damage to the equipment for which the authorized zone technical assistance service has to resort, the intervention will have to be paid in full by the user / installer or distributor since otherwise, the equipment will lose the right to assistance until the payment of the previous one.

•The product must have been properly installed, maintained, and operated according to the installation and operation instructions accompanying the product.

The customer shall not, by himself or by a third party, attempt to repair or replace parts of the product, unless expressly authorized by GIATSU.

The following cases are excluded:

- Damage caused by incorrect handling, maintenance, configuration and installation of the equipment.
- Improper handling of the product or for having forced its operation.
- Use of spare parts not authorized by the manufacturer or modification of the product without the authorization of the manufacturer.
- Installations or product combinations not approved by the manufacturer.
- Wear of usual pieces.
- Use of refrigerant fuel.
- Faults related to water hardness (calcareous depositions on generator elements or partial or total blockages of the primary or secondary circuit thereof).
- Hit or defective ventilation.
- Improper transport or storage, corrosion, abrasion, lack of cleaning, improper use or mistreatment, wear due to misuse.
- The guarantee does not cover costs arising from the assembly of items such as furniture, cabinets, etc. which make it difficult to have free access to equipment or components. Likewise, home-based counseling services on the operation of the device are not covered.
- For outdoor installations, it must be protected against bad weather (rain, wind).
- All those equipment that have not passed the maintenance works once every 12 months. (according to Royal Decree 1751/1998 of July 31).
- All those equipment that includes hot water storage tanks and have not checked the anode annually for a Service after completing the guarantee period.
- Failures due to excessive water pressure, voltage, pressure or inadequate gas supply.
- Products, parts or components hit in transport or during installation.
- In the models whose ignition is done by means of a battery, the customer must keep in mind their maintenance and proceed to replace them when they are exhausted. The guarantee services do not cover the costs derived from home service.
- The guarantee does not cover the costs and expenses incurred in accessing the equipment or its installation.

## 10. Start Up

The start-up service is a service included in the purchase price for all VRF equipment and chillers with more than 25 kW (except for 1x1 equipment). Said equipment must be set up by authorized GIATSU technicians in order to be guaranteed. In that case, the guarantee period will start from the date of start-up. In any case and for technical reasons, the unit must be commissioned within 3 months after the delivery of the same or the invoice. At the request of the user, you can also request the start-up for the rest of our equipment by paying the service to our authorized technical assistance service.

The start-up by the GIATSU staff will not imply the total approval of the installation by GIATSU, but will only refer to the related topics in the product start-up report.

### MANDATORY REQUIREMENTS FOR START-UP ASSISTANCE

No start-up will be made:

- On equipment that does NOT have definitive power supply.
- On unfinished, temporary installations, difficult to access.
- On installations that we have not previously received the necessary documentation.
- Wherever the characteristics do not match with the schemes and documentation submitted at the time of requesting the start-up.
- Those facilities that do not comply with the rules and regulations in force..

## 11. Taxes and WEEE

All taxes levied on the sale of GIATSU products included in this price rate, according to the current legislation, will be paid by the buyer. GIATSU in compliance with

RD 110/2015 of 20 February on electrical and electronic equipment and waste management are include in its final prices.

## 12. Applicable law and jurisdiction

The general sales conditions will be understood as accepted by the buyer when placing the order.

GIATSU and the buyer agree that any litigation whatsoever, will be expressly and unequivocally submitted to the exclusive jurisdiction of the courts of Barcelona (Spain), although GIATSU may proceed against the buyer before the courts of any jurisdiction in which the buyer resides or develops his business.





**giatsu**



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