

ECO-THERMAL BIBLOCK MURAL



Modbus

Remote controler

DC Inverter compresor

Diferent modes

High Resistance

Función anti-Helegnola

Smart grid

Compact design

Cooling - Heating Mode

Large Temp. Range

Mayor eficiencia a baja temperatura

Rango de temperatura configurable

► 1/4

MODEL

EAN CODE

GIA-K4BPMR32

8435483849204

GIA-K6BPMR32

8435483849235

GIA-K8BPMR32

8435483849266

GIA-K10BPMR32

8435483849297

GIA-K12BPMR32

8435483849327

POWER SUPPLY (exterior)

V,F,HZ

220-240V (1 Phase ~ 50Hz)

380-415V

(3Phase ~ 50Hz)

PERFORMANCE

Heating capacity (1) LWT at 35°	Total power	kW	4,20	6,00	7,90	9,70	12,10
	Absorbed power	kW	0,86	1,23	1,75	2,10	2,68
	COP	-	4,89	4,89	4,52	4,61	4,52
Heating capacity (2) LWT 45°	Total power	kW	4,10	6,10	8,30	9,90	11,60
	Absorbed power	kW	1,18	1,70	2,41	2,83	3,66
	COP	-	3,47	3,58	3,45	3,48	3,17
Heating capacity (3) LWT 55°	Total power	kW	4,00	6,20	8,00	9,90	11,70
	Absorbed power	kW	1,65	2,18	2,96	3,58	4,30
	COP	-	2,42	2,84	2,70	2,77	2,72
Heating capacity (3) LWT 18°	Total power	kW	4,20	6,20	8,10	10,30	12,10
	Absorbed power	kW	0,78	1,29	1,76	2,25	2,99
	COP	-	5,41	4,81	4,59	4,58	4,04
Heating capacity (3) LWT 7°	Capacity	kW	4,20	6,00	7,70	9,60	10,90
	Nominal power	kW	1,35	2,04	2,77	3,26	4,09
	EER	-	3,12	2,94	2,78	2,94	2,66

SEASONAL PERFORMANCE

Technical characteristics	LWT a 35°	--	A+++	A+++	A+++	A+++	A+++
	LWT a 55°	--	A++	A++	A++	A++	A++
SCOP	LWT a 35°	--	4,88	4,90	4,61	4,82	4,70
	LWT a 55°	--	3,40	3,36	3,20	3,21	3,37
SEER	LWT a 7°	--	5,33	5,27	5,23	5,12	4,91
	LWT a 18°	--	8,29	8,34	8,19	8,23	7,82

OPERATING TEMPERATURE LIMIT RANGE

Refrigerant	Min / Max	°C	-5 a 43	-5 a 43	-5 a 43	-5 a 43	-5 a 43
Cooling Capacity	Min / Max	°C	-25 a 35	-25 a 35	-25 a 35	-25 a 35	-25 a 35
ACS	Min / Max	°C	-25 a 43	-25 a 43	-25 a 43	-25 a 43	-25 a 43

TECHNICAL CHARACTERISTICS

Noise level	Inner unit	db	42	42	42	42	42
	outer unit	db	56	58	59	60	64
Compressor	m	Twin rotary DC inverter					
	Brand	m	Mitsubishi	Mitsubishi	Mitsubishi	Mitsubishi	Mitsubishi
Refrigerant gas	Cantidad		1	1	1	1	1
			R32	R32	R32	R32	R32
Refrigerant charge			1,4	1,4	1,5	1,6	1,75
GWT			675	675	675	675	675
CO2 Equivalent			0,9450	0,9450	1,0125	1,0800	1,1813
Refrigerant pressure	Max / Min	MPa	4,5 / 1,5	4,5 / 1,5	4,5 / 1,5	4,5 / 1,5	4,5 / 1,5
MOP (Max. overcurrent protection)		A	48	48	30	30	30
MCA (Minimum amperage)		A	40	40	24	25	26
Electrical resistance protection			IPX4	IPX4	IPX4	IPX4	IPX4
Water circuit pressure drop		kPa	25	25	39	37	36
Expansion type			Electronic expansion valve				
Fan	Engine type		Brushless DC	Brushless DC	Brushless DC	Brushless DC	Brushless DC
	Brand		Panasonic	Panasonic	Panasonic	Panasonic	Panasonic
Air exchanger	n°		1	1	1	1	1
			Al hidrofílico y Cu	Al hidrofílico y Cu	Al hidrofílico y Cu	Al hidrofílico y Cu	Al hidrofílico y Cu
Electrical resistance	Optional / Series		Serie	Serie	Serie	Serie	Serie
	Power		3	3	3	3	3
	Stages		1	1	1	1	1
	Nominal voltage		220/50	220/50	220/50	220/50	220/50
Secondary circulator	Drive height	m	9	9	9	9	9
		m3/h	4,5	4,5	4,5	4,5	4,5
Expansion vessel	L		5	5	5	5	5
Water exchanger	Type		Plates SUS316	Plates SUS316	Plates SUS316	Plates SUS316	Plates SUS316
Panel Control	LCD		GR-LC07 (WIFI)	GR-LC07 (WIFI)	GR-LC07 (WIFI)	GR-LC07 (WIFI)	GR-LC07 (WIFI)



ECO-THERMAL BIBLOCK MURAL



Modbus

Remote
controler

DC Inverter
compressor

Diferent modes

High
Resistance

Función
anti-legionela

Smart grid

Compact
design

Cooling - Heating
Mode

Large
Temp. Range

Mayor eficiencia
a baja
temperatura

Rango de
temperatura
configurable

► 2/4

MODEL

EAN CODE

GIA-K4BPMR32

8435483849204

GIA-K6BPMR32

8435483849235

GIA-K8BPMR32

8435483849266

GIA-K10BPMR32

8435483849297

GIA-K12BPMR32

8435483849327

GAS, LIQUID AND HYDRAULIC CONNECTIONS

Pipe connection	Liquid	mm	Ø 6,35	Ø 6,35	Ø 9,52	Ø 9,52	Ø 9,52
	Gas	mm	Ø 15,88	Ø 15,88	Ø 15,88	Ø 15,88	Ø 15,88
	Minimum length	m	2	2	2	2	2
	Maximum length	m	15	15	15	15	15
Height difference	U. ext. in upper plane	m	8	8	8	8	8
	U. ext. in lower plane	m	8	8	8	8	8
Water connections	Inlet	"	1	1	1	1	1
	Outlet	"	1	1	1	1	1

DIMENSIONS AND WEIGHT

Net/gross weight	Inner U.	kg	34/38	34/38	35/39	36/40	37/41
	U. e U. outside	kg	51/62	51/62	53/64	67/78	75/85
Dimensions (Height x width x depth)	U. outside (net)	mm	982×425×712	982×425×712	982×425×712	1003×448×809	1003×448×809
	U. outside (w/packaging)	mm	1025×465×865	1025×465×865	1025×465×865	1045×458×970	1045×458×970
	Inner Unit (net)	mm	909×465×273	909×465×273	909×465×273	909×465×273	909×465×273
	Outer Unit (w/packaging)	mm	960×525×345	960×525×345	960×525×345	960×525×345	960×525×345

(1) Outdoor air temperature 7°C DB, 85% RH; EWT 30°C, LWT 35°C

(2) Outside air temperature 7°C DB, 85% RH; EWT 40°C, LWT 45°C

(3) Outside air temperature 7°C DB, 85% RH; EWT 47°C, LWT 55°C

(4) Outdoor air temperature 35°C DB, 85% RH; EWT 23°C, LWT 18°C

(5) Outside air temperature 35°C DB, 85% RH; EWT 12°C, LWT 7°C

(6) Test standard: EN12102-1

ECO-THERMAL BIBLOCK MURAL



Modbus

Remote controler

DC Inverter compresor

Diferent modes

High Resistance

Función anti- legionela

Smart grid

Compact design

Cooling - Heating Mode

Large Temp. Range

Mayor eficiencia a baja temperatura

Rango de temperatura configurable

► 3/4

MODELO

CÓDIGO EAN

GIA-K14BPMR32

GIA-K16BPMR32

GIA-K12BPT3R32

GIA-K14BPT3R32

GIA-K16BPT3R32

8435483849358

8435483849389

8435483849419

8435483849440

8435483849471

POWER SUPPLY (exterior)

V,F,HZ

220-240V (1 Phase ~ 50Hz)

380-415V
(3 Phase ~ 50Hz)

PERFORMANCE

Heating capacity (1) LWT at 35°	Total power	kW	14,30	16,20	12,10	14,30	16,20
	Absorbed power	kW	3,10	3,67	2,68	3,10	3,67
	COP	-	4,61	4,41	4,52	4,61	4,41
Heating capacity (2) LWT 45°	Total power	kW	14,50	16,20	11,60	14,50	16,20
	Absorbed power	kW	3,89	4,48	3,66	3,89	4,48
	COP	-	3,72	3,62	3,17	3,72	3,62
Heating capacity (3) LWT 55°	Total power	kW	13,80	16,20	11,70	14,10	16,20
	Absorbed power	kW	4,42	5,59	4,30	4,52	5,59
	COP	-	3,12	2,90	2,72	3,12	2,90
Heating capacity (3) LWT 18°	Total power	kW	13,50	14,90	12,10	13,50	14,90
	Absorbed power	kW	3,75	4,38	2,99	3,75	4,38
	COP	-	3,65	3,41	4,04	3,65	3,41
Heating capacity (3) LWT 7°	Capacity	kW	12,70	14,00	10,90	12,70	14,00
	Nominal power	kW	4,98	5,71	4,09	4,98	5,71
	EER	-	2,55	2,45	2,66	2,55	2,45

SEASONAL PERFORMANCE

Clase energética estacional	LWT a 35°	--	A+++	A+++	A+++	A+++	A+++
	LWT a 55°	--	A++	A++	A++	A++	A++
	LWT a 35°	--	4,56	4,56	4,73	4,98	4,87
SCOP	LWT a 55°	--	3,33	3,36	3,47	3,49	3,69
	LWT a 7°	--	4,76	4,63	5,65	5,39	5,23
SEER	LWT a 18°	--	6,72	6,51	9,01	7,71	7,78

OPERATING TEMPERATURE LIMIT RANGE

Refrigerant	Min / Max	°C	-5 a 43	-5 a 43	-5 a 43	-5 a 43	-5 a 43
Cooling Capacity	Min / Max	°C	-25 a 35	-25 a 35	-25 a 35	-25 a 35	-25 a 35
ACS	Min / Max	°C	-25 a 43	-25 a 43	-25 a 43	-25 a 43	-25 a 43

TECHNICAL CHARACTERISTICS

Noise level	Inner unit	db	42	42	42	42	42
	outer unit	db	65	68	64	65	68
Compressor		m	Twin rotary DC inverter				
	Brand	m	Mitsubishi	Mitsubishi	Mitsubishi	Mitsubishi	Mitsubishi
	Cantidad		1	1	1	1	1
Refrigerant gas			R32	R32	R32	R32	R32
Refrigerant charge			1,84	1,84	1,75	1,84	1,84
GWT			675	675	675	675	675
C02 Equivalent			1,2420	1,2420	1,1813	1,2420	1,2420
Refrigerant pressure	Max / Min	MPa	4,5 / 1,5	4,5 / 1,5	4,5 / 1,5	4,5 / 1,5	4,5 / 1,5
MOP (Max. overcurrent protection)		A	48	48	30	30	30
MCA (Minimum amperage)		A	40	40	24	25	26
Electrical resistance protection			IPX4	IPX4	IPX4	IPX4	IPX4
Water circuit pressure drop		kPa	38	38	36	38	38
Expansion type			Electronic expansion valve				
Fan	Engine type		Brushless DC	Brushless DC	Brushless DC	Brushless DC	Brushless DC
	Brand		Panasonic	Panasonic	Panasonic	Panasonic	Panasonic
	n°		1	1	1	1	1
Air exchanger			Al hidrofílico y Cu	Al hidrofílico y Cu	Al hidrofílico y Cu	Al hidrofílico y Cu	Al hidrofílico y Cu
Electrical resistance	Optional / Series		-	-	-	-	-
	Power		3	3	9	9	9
	Stages		1	1	3	3	3
	Nominal voltage		220/50	220/50	380/50	380/50	380/50
Secondary circulator	Drive height	m	9	9	9	9	9
		m3/h	4,5	4,5	4,5	4,5	4,5
Expansion vessel		L	5	5	5	5	5
Water exchanger	Type		Placas SUS316	Placas SUS316	Placas SUS316	Placas SUS316	Placas SUS316
Panel Control	LCD		GR-LC07 (WIFI)	GR-LC07 (WIFI)	GR-LC07 (WIFI)	GR-LC07 (WIFI)	GR-LC07 (WIFI)

ECO-THERMAL BIBLOCK MURAL



Pasarela Modbus

Control remoto

Compresor y ventiladores DC Inverter

Varios modos

Alta protección

Función anti-legionela

Red inteligente

Diseño compacto

Modo frío y calor

Amplia gama de funcionamiento

Mayor eficiencia a baja temperatura

Rango de temperatura configurable

► 4/4

MODEL

EAN CODE

GIA-K14BPMR32

GIA-K16BPMR32

GIA-K12BPT3R32

GIA-K14BPT3R32

GIA-K16BPT3R32

8435483849358

8435483849389

8435483849419

8435483849440

8435483849471

GAS, LIQUID AND HYDRAULIC CONNECTIONS

Pipe connection	Liquid	mm	Ø 9,52	Ø 9,52	Ø 9,52	Ø 9,52	Ø 9,52
	Gas	mm	Ø 15,88	Ø 15,88	Ø 15,88	Ø 15,88	Ø 15,88
	Minimum length	m	2	2	2	2	2
	Maximum length	m	15	15	15	15	15
Height difference	U. ext. in upper plane	m	8	8	8	8	8
	U. ext. in lower plane	m	8	8	8	8	8
Water connections	Inlet	"	1	1	1	1	1
	Outlet	"	1	1	1	1	1

DIMENSIONS AND WEIGHT

Net/gross weight	Inner U.	kg	41/46	41/46	38/42	44/49	44/49
	U. e U. outside	kg	93/108	93/108	80/90	102/117	102/117
Dimensions (Height x width x depth)	U. outside (net)	mm	1104×492×860	1104×492×860	1003×448×809	1104×492×860	1104×492×860
	U. outside (w/packaging)	mm	1165×500×1040	1165×500×1040	1045×458×970	1165×500×1040	1165×500×1040
	Inner Unit (net)	mm	909×465×273	909×465×273	909×465×273	909×465×273	909×465×273
	Outer Unit (w/packaging)	mm	960×525×345	960×525×345	960×525×345	960×525×345	960×525×345

(1) Outdoor air temperature 7°C DB, 85% RH; EWT 30°C, LWT 35°C

(2) Outside air temperature 7°C DB, 85% RH; EWT 40°C, LWT 45°C

(3) Outside air temperature 7°C DB, 85% RH; EWT 47°C, LWT 55°C

(4) Outdoor air temperature 35°C DB, 85% RH; EWT 23°C, LWT 18°C

(5) Outside air temperature 35°C DB, 85% RH; EWT 12°C, LWT 7°C

(6) Test standard: EN12102-1