



### Data sheet

## AXIAL MULTISPLIT IX41BR32



Compressor and fans DC Inverter

Anti-oxidation housing

Greater efficiency

Connectable indoor units

Fan speeds

#### MODELS

		GIA-M02-14IX41BR32	GIA-M02-18IX41BR32	GIA-M03-21IX41BR32	GIA-M03-27IX41BR32
Electrical power supply	V,F,Hz	220-240V (1 Phase ~ 50Hz)			
Connectable units		2	2	3	3
<b>PERFORMANCE</b>					
Capacity refrigeration	Capacity	<b>kW</b> 4,10 (1,80~4,80)	5,20 (2,05~5,50)	6,15 (1,94~6,86)	7,90 (2,96~8,50)
		<b>Btu/h</b> 14.000 (6.210~16.400)	18.000 (7.000~18.000)	21.000 (6.619~23.420)	27.000 (10.100~29.000)
	Consumption	<b>W</b> 1.270 (168~1.714)	1.630 (175~2.000)	1.950 (180~2.240)	2.450 (235~3.220)
	SEER	-	6,1	6,3	6,1
Energy classification	<b>Cold</b>	A++	A++	A++	A++
Capacity heating	Capacity	<b>kW</b> 4,40 (1,50~5,00)	5,50 (2,30~5,80)	6,60 (1,70~7,30)	8,20 (2,10~9,40)
		<b>Btu/h</b> 15.000 (5.220~17.400)	19.000 (8.000~19.000)	22.500 (5.900~24.740)	28.000 (6.950~32.000)
	Consumption	<b>W</b> 1.185 (265~1.707)	1.390 (290~1.670)	1.780 (325~1.920)	2.100 (310~2.890)
	SCOP	-	4,6	4,6	4,6
Energy classification	<b>Hot</b>	A++	A++	A++	A++
<b>CHARACTERISTICS</b>					
Exterior unit	Sound power	<b>dB(A)</b> 55	56	65	67
	Sound pressure (H/M/L)	<b>dB(A)</b> 52	53	54	54
	Airflow	<b>m³/h</b> -	2.200	3.000	2.700
	Operating temperature	<b>°C</b> -15~50 / -15~24	-15~50 / -15~24	-15~50 / -15~24	-15~50 / -15~24
Refrigerant	Type / Load	<b>R32/Kg</b> 0,90	1,30	1,40	1,72
	Additional load >7,5	<b>g/m</b> 12	12	12	12
<b>DIMENSIONS AND WEIGHT</b>					
Exterior unit	Net dimensions (W×H×D)	<b>mm</b> 800x554x333	800x554x333	845x702x363	845x702x363
	Gross dimensions (W×H×D)	<b>mm</b> 920x615x390	920x615x390	965x775x395	965x775x395
	Net weight	<b>Kg</b> 31,6	36	46,8	51,1
<b>CONNECTIONS</b>					
Pipeline refrigerator	Liquid - Gas	<b>Inch.</b> 1/4"-3/8"x2	1/4"-3/8"x2	1/4"-3/8"x3	1/4"-3/8"x3
	Max length	<b>m</b> 40	40	60	60
	Max length. (1Interior)	<b>m</b> 25	25	30	30
	Max unevenness. (Int/Ext)	<b>m</b> 15	15	15	15
	Max unevenness. (between int.)	<b>m</b> 10	10	10	10
Electric connections	Feeding	<b>mm</b> 3x2,5	3x2,5	3x2,5	3x2,5
	Interconnection	<b>mm</b> 5x1,5	5x1,5	5x1,5	5x1,5
EAN CODE		8435483814660	8435483814653	8435483814646	8435483813076

MODELS			GIA-M04-28IX41BR32	GIA-M04-36IX41BR32	GIA-M05-42IX41BR32
Electrical power supply	V, Hz		220-240V (1 Phase ~ 50Hz)		
Connectable units			4	4	5
<b>PERFORMANCE</b>					
Capacity refrigeration	Capacity	<b>kW</b>	8,20 (2,10~9,80)	10,50 (6,20~10,50)	12,30 (8,20~12,70)
		<b>Btu/h</b>	28.000 (7.000~33.600)	36.000 (21.000~36.000)	42.000 (28.000~43.300)
	Consumption	<b>W</b>	2.540 (890~3.180)	3.280 (2.150~3.520)	4.260 (2.700~3.700)
	SEER	-	6,1	6,2	6,1
	Energy classification	<b>Cold</b>	A++	A++	A++
Capacity heating	Capacity	<b>kW</b>	8,79 (2,30~10,50)	10,50 (7,00~11,10)	12,30 (8,20~13,70)
		<b>Btu/h</b>	30.000 (8.000~36.000)	36.000 (24.000~38.000)	42.000 (28.000~46.700)
	Consumption	<b>W</b>	2.200 (770~2.750)	2.630 (2.880~3.360)	3.100 (2.580~3.570)
	SCOP	-	4,6	4,0	4,0
	Energy classification	<b>Hot</b>	A++	A	A
<b>CHARACTERISTICS</b>					
Exterior unit	Sound power	<b>dB(A)</b>	67	67	68
	Sound pressure (H/M/L)	<b>dB(A)</b>	61,5	62	63
	Airflow	<b>m<sup>3</sup>/h</b>	3.800	4.000	3.850
	Operating temperature	<b>°C</b>	-15~50 / -15~24	-15~50 / -15~24	-15~50 / -15~24
Refrigerant	Type / Load	<b>R32/Kg</b>	2,1	2,1	2,1
	Additional load >7,5	<b>g/m</b>	12	12	12
<b>DIMENSIONS AND WEIGHT</b>					
Exterior unit	Net dimensions (W×H×D)	<b>mm</b>	946x810x410	946x810x410	946x810x410
	Gross dimensions (W×H×D)	<b>mm</b>	1.090x875x500	1.090x875x500	1.090x875x500
	Net weight	<b>Kg</b>	62,1	68,8	73,3
<b>CONNECTIONS</b>					
Pipeline refrigerator	Liquid - Gas	<b>Inch.</b>	1/4"-3/8"x3 1/4"-1/2"x1	1/4"-3/8"x3 1/4"-1/2"x1	1/4"-3/8"x4 1/4"-1/2"x1
	Max length	<b>m</b>	80	80	80
	Max length. (1Interior)	<b>m</b>	35	35	35
	Max unevenness. (Int/Ext)	<b>m</b>	15	15	15
	Max unevenness. (between int.)	<b>m</b>	10	10	10
Electric connections	Feeding	<b>mm</b>	3x2,5	3x4,0	3x4,0
	Interconnection	<b>mm</b>	5x1,5	5x1,5	5x1,5
EAN CODE			8435483814639	8435483814622	8435483814615

**Notes:**

Capacity data under standard conditions. Actual data will vary depending on where the equipment is installed and how it is used. The dimensions of the electrical wiring are approximate, it should be calculated based on the conditions of the installation itself