



**NOMBRE DEL OFERENTE: GRUPO CIMENTADOS SRL.
COMITÉ DE COMPRAS Y CONTRATACIONES.**

REFERENCIA: JCE-CCC-CP-2023-0007

OFERTA TÉCNICA

Santo Domingo, D.N
15 de marzo de 2023

Firma del representante Legal:



GRUPO CIMENTADOS, SRL.

RPE: 88457 RNC: 1-31-97336-1

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GOBIERNO DE LA
REPÚBLICA DOMINICANA



Junta Central Electoral
Garantía de Identidad y Democracia

FICHAS TECNICAS

PROCESO: “Adquisición de aires acondicionados y materiales de refrigeración”.

REFERENCIA: JCE-CCC-CP-2023-0007

Ítem No.	Descripción materiales	Unidad de medida ¹	Cantidad ²	Garantía	Marca
1	Acondicionadores de aire de 12,000 BTU, Split, 220 voltios, monofásicos, inverter, serpentín de cobre y refrigerante R-410A.	Unidades	Cinco (5)	Dos (2) años	Air Max
2	Acondicionadores de aire de 18,000 BTU, Split, 220 voltios, monofásicos, inverter, serpentín de cobre y refrigerante R-410A.	Unidades	Quince (15)	Dos (2) años	Air Max
3	Acondicionadores de aire de 24,000 BTU, Split, 220 voltios, monofásicos, inverter, serpentín de cobre y refrigerante R-410A.	Unidades	Diez (10)	Dos (2) años	Air Max
4	Acondicionadores de aire ducteable de 60,000 BTU, monofásicos, completo (con su condensador y manejadora), inverter, serpentín de cobre y refrigerante R-410A.	Unidades	Cinco (5)	Dos (2) años	Air Max
5	Acondicionadores de aire piso techo (consola) de 60,000 BTU, monofásicos, completo (con su condensador y manejadora) inverter, serpentín de cobre y refrigerante R-410A.	Unidades	Cinco (5)	Dos (2) años	Air Max



Items	Materiales	Características
1	Aire acondicionado Split de pared	• 12,000 BTU • Inverter. • R-410A • Eficiencia 18 en adelante. • serpentín de cobre • 220V. • Monofásico (1 ph)
2	Aire acondicionado Split de pared	• 18,000 BTU • Inverter. • R-410A • Eficiencia 18 en adelante. • serpentín de cobre • 220V. • Monofásico (1 ph)
3	Aire acondicionado Split de pared	• 24,000 BTU • Inverter. • R-410A • Eficiencia 18 en adelante. • serpentín de cobre • 220V. • Monofásico (1 ph)
4	Aire acondicionado manejadora ductable	• 60,000 BTU, • Inverter. • R-410A • Eficiencia 18 en adelante. • serpentín de cobre • 220V. • Monofásico (1 ph)
5	Aire acondicionado, Split piso techo	• 60,000 BTU • Inverter. • R-410A • Eficiencia 18 en adelante • serpentín de cobre • 220V.

- **Condiciones de pago: crédito**
- **Entrega: inmediata**



AHORRA MAXI



INVERTER



MVI

Manejadora 18 SEER



AHORRA MAX!



MVI

ESPECIFICACIONES

Model			CVI24-C2	CVI36-C2	CVM2-C2	CVI48-C2
Total Capacity	Cooling Capacity	kW	7.03	10.26	12.02	14.00
		Btu/h	24000	35000	41000	48000
	Cooling Capacity Range	kW	3.45-7.76	4.47-11.7	5.22-13.6	7.35-15.97
		Btu/h	11770-26500	15200-39900	17810-46400	25100-54500
SEER / HSPF		Btu/h W	18	18	18	18
Electrical Data	Power supply		V-Hz-Ph	208/230-60-1	208/230-60-1	208/230-60-1
	Power input1	Cooling	kW	1.96	2.98	3.57
		Heating	kW	/	/	/
	Max. Overcurrent Protection		A	16.9	30.00	30.0
	Min/Max Voltage		V	187/254V	187/254V	187/254V
		Power cord spec	mm2xpcs	2.1x3	3.30x3	3.30x3
Sound Pressure Level(H/M/L)*		dB (A)	57	62	63	63
Sound Power Level(H/M/L)*		dB (A)	67	72	73	73
Refrigerant	Type		—	9.26R410A	13.67R410A	15.93R410A
	Charge		kg	0.861.8	1.272.55	1.482.90
	Throttling Method		—	Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Compressor	Trademark		—	mitsubishi	mitsubishi	mitsubishi
	Model		—	TNB220FLHMC	TNB306FPFGMC	TNB306FPFGMC
	Type		—	Inverter Scroll	Inverter Scroll	Inverter Scroll
	Quantity		—	1	1	1
	Power Input		W	2200	3010	3010
	Rated Load Amp (RLA)		A	9.7	13.2	13.2
	Locked Rotor Amp (L.R.A.)		A	/	/	/
Fan Motor	Model		—	SW80A	SW120H	SW120H
	Drive Type		—	direct	direct	direct
	Speed(H/M/L)*		rpm	1015/790	845/690	845/690
	Power output		HP	1/9	1/7	1/7
	Full Load Amp(FLA)		A	0.65	0.74	0.74
	Insulation class		—	B	B	B
	Safe class		—	IP44	IP44	IP44
Fan	Capacitor		uF	6	6	6
	Type		—	Axial-flow	Axial-flow	Axial-flow
	Quantity		—	3	3	3
Condenser	Diameter-Height		Inch	18.11	22.04	22.04
	Material		—	Aluminum Micro Channel	Aluminum Micro Channel	Aluminum Micro Channel
	Face Area		m2	0.861.8	1.272.55	1.482.90
Permissible Excessive Operating Pressure for the Discharge Side	Length(L) x Height(H) x Width(W)		mm	1515x567x16	1850x687x20	1850x802x20
	Permissible Excessive Operating Pressure for the Suction Side		Mpa	3.17	3.17	3.17
	Permissible Excessive Operating Pressure for the Suction Side		Mpa	1.66	1.66	1.66
Operation temp		Cooling	°C	19.4-46.1	19.4-46.1	19.4-46.1
Dimension	Outline dimension (WxDxH)		mm	610x610x620	710x710x735	710x710x850
	Package dimension (LxVxH)		mm	651x651x655	773x773x755	773x773x885
Weight	Net weight		kg	52	71.0	77
	Gross weight		kg	56	75.0	83
Loading quantity			20 GP	72	63	42
			40 GP	162	135	90
			40 HQ	216	135	90
Connection Pipe	Length		m	7.5	7.5	7.5
	Gas additional charge		g/m	30	30	30
	Outer Diameter	Liquid Pipe	Inch	3/8	3/8	3/8
		Gas Pipe	Inch	5/8	3/4	7/8
	Max Distance		m	15	15	15
	Length		m	30	30	30

Control System Lineup

Controlling function	Model	Image	12K	18K	24K
Inverter outdoor unit	HE17-12		●	●	●
	HE17-18K		●	●	●
	HE17-24K		●	●	●
Inverter indoor unit	HE17-12		●	●	●
	HE17-18K		●	●	●
	HE17-24K		●	●	●
Inverter indoor unit (with 3D air supply effect)	HE17-12		●	●	●
	HE17-18K		●	●	●
Inverter indoor unit (with 3D air supply effect)	HE17-12		●	●	●
	HE17-18K		●	●	●
Dry contact (gate) (11 function) (not for 12K)	HE17-12		●	●	●
	HE17-18K		●	●	●
Dry contact (gate) (11 function) (not for 12K)	HE17-12		●	●	●
	HE17-18K		●	●	●
Dry contact (gate) (11 function) (not for 12K)	HE17-12		●	●	●
	HE17-18K		●	●	●

Notes: ● means standard ○ means optional

*1: Controller for cooling only

*2: This VRF includes only for EU market. For detailed information, please confirm it with the sales representative.

*3: Function: ON/OFF input control, mode input control, emergency stop input control, error output, cold plasma air test, fresh air control

U-Match

INVERTER R410A

Inverter Series (Heat Pump)

Cooling capacity is 3.5kW~16.0kW. The outdoor unit can be freely connected to duct type unit, cassette type unit and floor ceiling unit.



- ▶ Compact design, single fan design for the whole series; the maximum height is only 820mm.
- ▶ With fast cooling and heating functions.
- ▶ Connection pipe length is 75m at the most.
- ▶ All DC inverter design.

Indoor Unit

Duct type

- ▶ Ultra-thin structural design, the thinnest position is 200mm.
- ▶ Air supply outlet and air return outlet can be interchanged for convenient installation.
- ▶ Optional water pump, maximum delivery lift is 1 meter.
- ▶ Reserved fresh air outlet, which can realized 11 fresh air modes setting via dry contact gateway.

Cassette type

- ▶ 360° air discharge panel.
- ▶ DC motor and DC water pump, high-efficiency and energy-saving.
- ▶ Water pump lift is up to 1000mm.
- ▶ Only 570mm for 12K and 18K cassette units.

Floor ceiling type

- ▶ With double air louvers structural design, meeting 3D air supply effect.
- ▶ Both floor standing installation and ceiling installation methods can be selected.
- ▶ There are 3 types of pipe-out leading ways for selection.
- ▶ Pipe joints and electric box are designed at the unit side for convenient installation and maintenance.

Model	12K	18K	24K	30K	36K
Cooling	3.5	5.0	7.1	10.0	12.8
Heating	3.5	5.0	7.1	10.0	12.8

Units Lineup

Condenser		40	60	75
Indoor	Outdoor unit			
	Split			
	Cassette			
	2-way (split)			

Lüftungstyp		GT	TE
Ventilator	Quadratisch		
	Rekt.		
	Einbaul.		
Filterlüftung	Rekt.		
	Einbaul.		

File: *1 GUD71WA-5 *2 GUD71V241-5

Indoor unit		MR	MT	MR
Outdoor unit				
Indoor unit	Duct			
	Cassette			
	Floor hanging			

Specifications

[illegible]

