

Solar thermodynamic equipment for space and domestic water heating

## TECHNICAL SPECIFICATIONS



- Fitted with thermodynamic panels double side inflated
- Compact unit, fitted aluminum-magnesium framework
- Highly efficient compressor
- Highly efficient ecological refrigerant, R134a.
- Integrated heat exchanger AISI316 in stainless steel
- Electronic expansion valve
- All the equipments are tested at the factory before sending
- High performance units
- Catching of both solar and ambiental heats



1700x800 mm



## TECHNICAL FEATURES GTC

Model	Units	GTC04	GTC06	GTC08	GTC12
Nominal heating capacity *	kW	6.52	8.05	9.36	10.85
Absorbed intensity	A	9.09	11.83	12.21	12.59
Nominal power input of the compressor	kW	2.19	2.91	3.04	3.18
Power input	V/ph/Hz	230 / 1 / 50			
Atmospheric temperature range	°C	-5-45			
Panel quantities	Ud.	4	6	8	12
Compressors quantity	Ud.	1			
Compressor type		Scroll			
Water connection (inlet / outlet)	Pulg.	1			
Minimum Water flow at the condenser	l/s	0,31	0,38	0,45	0,52
Panel dimensions	mm	1700 / 800 / 25			
Panel weight	kg	6.2			
Unit dimension (height / width / depth)	mm	880/430/ 630			
Collection area	m <sup>2</sup>	10,9	16,3	21,8	32,6

Model	Units	GTC16	GTC24	GTC32
Nominal heating capacity *	kW	22.9	28.9	35.1
Absorbed intensity	A	13.99	16.01	20.08
Nominal power input of the compressor	kW	7.16	8.95	10.8
Power input	V/ph/Hz	380 / 3 / 50		
Atmospheric temperature range	°C	-5-45		
Panel quantities	Ud.	16	24	32
Compressors quantity	Ud.	1		
Compressor type		Scroll		
Water connection (inlet / outlet)	Pulg.	1		
Minimum Water flow at the condenser	l/s	1,1	1,38	1,68
Panel dimensions	mm	1700/ 800 / 25		
Panel weight	kg	6.2		
Unit dimension (height / width / depth)	mm	1000/600/1000		
Collection area	m <sup>2</sup>	43,5	65,3	87,1

\*Heating: Condensation T =65°C; Ambient T = 15 °C.

