



CHILLER LT 25



ABOUT THE CHILLER

ICS Cool Energy's Chiller LT 25 has an integral thermal buffer tank and pump to provide a compact foot print.

This chiller offers a wide temperature range of 0°C to -25°C water leaving. The unit is also supplied with an integral process pump and power connections for a fast start-up.

With low noise operation and compact footprint, the TAE chiller is fully packaged to simplify installation on site with easy set up and control.

CONTACT US

Call us free on
0800 840 4210 or
visit our website
www.icscoolenergy.com

Depots Nationwide

hire@icscoolenergy.com

THE ICS COOL ENERGY PORTFOLIO

ICS Cool Energy can also supply the following equipment:

- Air-cooled rental chiller range from 0.3kW – 1,000kW units.
- Water-cooled rental chiller range from 7.5kW – 1,000kW units.
- Air handling units & fan coils from 5kW – 500kW duties.
- Air conditioning units from 1.3kW – 350kW units.
- Low temperature chillers (-4°C) and fan coils (0°C air off).

- Dehumidifiers (desiccant & electric) 200-10,000m³/hr.
- Generator Power with 20KVA – 800KVA, fuel tanks and management.
- Air distribution (flexible ducting and perforated air socks).
- Hot water generators and boilers from 25kW – 500kW units.
- Heating (office/warehouse) from 3kW to 200kW electric/indirect/heat pump.

We also provide full installation, transportation, lifting and monitoring.

E&OE. All data is subject to change and continuous improvement without notice. Equipment designed to ISO 9001 and all relevant electrical, pressure and mechanical directives.

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TECHNICAL CHILLER LT 25

PERFORMANCE DATA @ DESIGN CONDITIONS

Cooling Capacity	kW	25
Operation Fluid Temperature IN/OUT	°C	-20/-25
Design Ambient Temperature	°C	30
Fluid Flow Min/Max	m ³ /hr	5.2/18.9
	l/s	1.3/5.3

OPERATING LIMITS

Min/Max Ambient Temperature	°C	-18/43
Min/Max Leaving Fluid Temperature	°C	-25/0
Evaporator Pressure Drop	kPa	41
Max Working Pressure	kPa	600
Evaporator Water Volume	1	500

ELECTRICAL DATA

Electrical Supply Voltage 3 phase	V	400
Chiller Power Connections		125amp C Forme 5 pin Plug
Cable Connection		3 core + earth, no neutral
Max Power Absorbed	kW	48
Max Current Absorbed (-25°C)	A	98
Starting Current (Max)	A	170
Recommended Generator Set	kVA	100
Control System		Dixell

REFRIGERANT SYSTEM

Maneurop Reciprocating Compressors		4
(25-100% Capacity)		
Refrigerant (Zero ozone deletion potential)	HFC	R404a

FANS

Total Number	1.2kW each	2
Total Airflow	m ³ /hr	42,500

SOUND DATA

Sound Pressure Level at 10 metres (ISO3744)	dB(A)	64
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PHYSICAL DATA

			WITH FRAME
Overall Length	mm	3,300	3,860
Overall Width	mm	1,275	1,330
Overall Height	mm	2,200	2,300
Weight	kg	1,300	1,800
Fluid Coupling Size	mm/inch	50/2	
Fluid Coupling Type		PN16 Flange	

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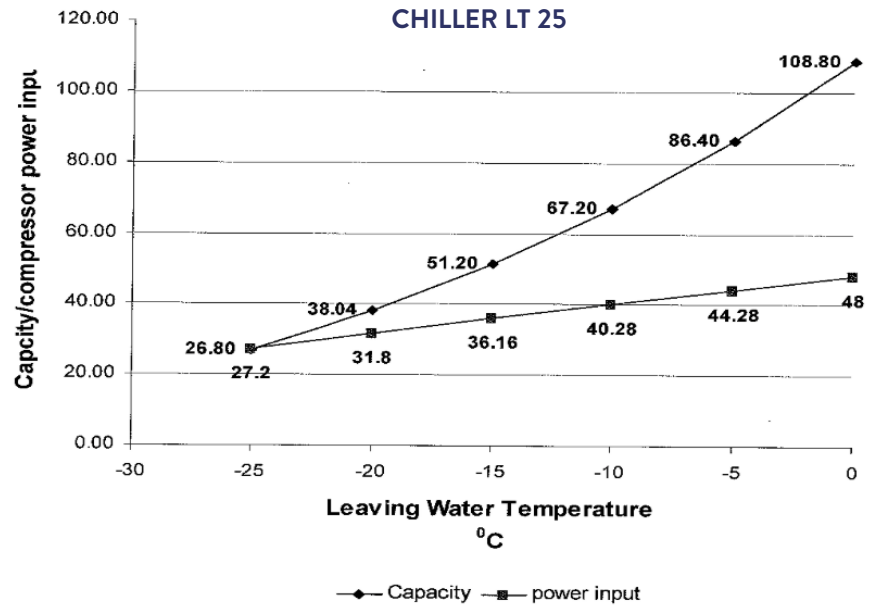
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PERFORMANCE



SOUND LEVELS

Measurements are taken in accordance with the standard ISO 3744.

Sound pressure average value obtained in free field on a reflective surface at a distance of 10m from the longer side of the machine at a height of 1.6m +/- 2 under full load in normal conditions.

For measurements closer than 10m add the following: 5m +6, 3m +10 and 1m +15

OCTAVE BANDS (H3)								SOUND PRESSURE	
63	125	250	500	1000	2000	4000	8000		
SOUND POWER LEVEL dB(A)								dB(A) 10m	
51	49	52	56	57	48	36	29	54.0	

Additional Services: ICS Cool Energy can provide attenuated equipment and services to help further reduce the impact of our equipment to help meet your specific site requirements.

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