

HERO-TECH



HTS-W SERIES

WATER COOLED SCREW TYPE CHILLER

HTS-W SERIES 120 to 890KW WATER COOLED SCREW

Water Cooled Screw Chillers

HTS-W water cooled industrial chillers are designed for water supplying temperature between 5°C to 35°C.

Hero-Tech adopts only international brand components which are strictly tested and selected by our technical team. The chiller units are designed with Siemens PLC controller to ensure control accuracy. The interface is displayed in English. Complete safety devices are equipped aiming at both the chiller unit and your equipments, including alarm for high water temperature, water supply shortage, motor overload, unit running pressure, etc.



Features

- Siemens PLC and touch screen operation panel
- Germany Bitzer semi-hermetic screw compressor(Taiwan Hanbell for option)
- Compressor 4 grade capacity control
- Multiple power supply voltage for option
- Multiple refrigerant for option, including R22, R407c, R134a, R404a, R507a, etc.
- Shell and tube type condenser
- Shell and tube evaporator
- Refrigerant sight glass
- Refrigeration solenoid valve
- Motor overload cutout
- High and low pressure cutout
- High discharge temperature cutout
- High water temperature alarm
- Water shortage alarm
- Phase sequence and phase missing alarm

Optional Configuration

- Stainless steel plate type evaporator
- Refrigerant by-pass
- Economizer
- Alarm buzzer
- Main power cable
- Unit main breaker
- Chilled water pump control
- Cooling water pump control
- Alarm output, to stop the cooled equipment automatically while chiller alarm.

Service

Every Hero-Tech chiller is strictly tested prior to shipment, and with one year warranty under normal use. Extended warranty is available on request.

Hero-Tech Refrigeration

Tel: +86 755 29545217/81737187

Fax: +86 755 81737144

Email: sales@szhero-tech.com

www.waterchiller-china.com

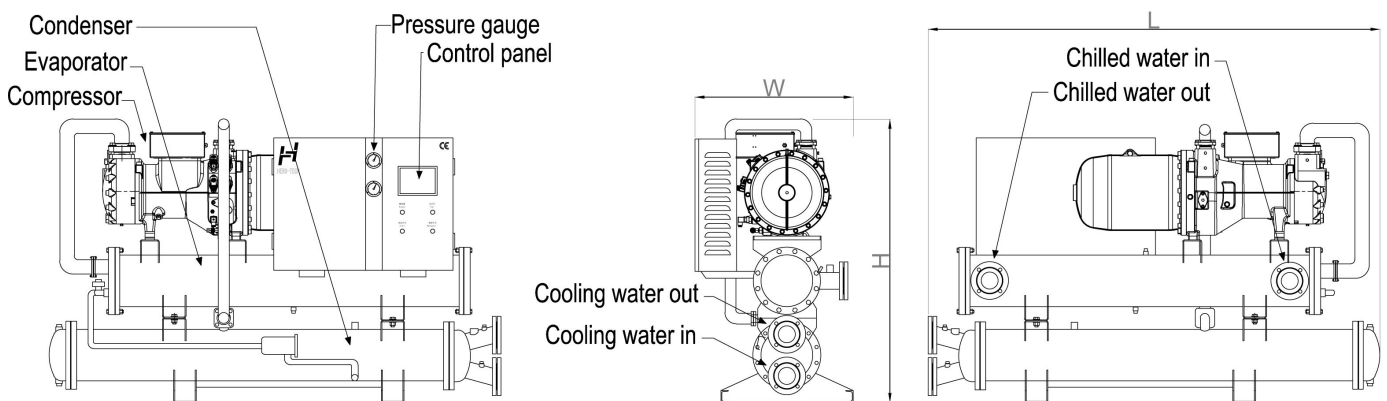
Specifications

Model (HTS-***)	Cooling capacity (KW)	Compressor motor(KW)	Chilled water		Cooling water		Dimension L/W/H(CM)
			Calibre(inch)	Flow(m ³ /h)	Calibre(Inch)	Flow((m ³ /h))	
40W	120	30	3	20.5	3	25	250/78/165
50W	158	38	3	26.1	3	32.3	255/78/165
60W	172	42	3	29.5	3	36.6	260/78/165
75W	230	56	4	39.5	4	49.2	280/95/180
85W	271	63	4	45.6	4	56	280/95/195
100W	313.4	73	4	49.7	5	61.7	290/95/195
120W	373.4	88	5	62.4	5	77	300/120/158
150W	470	109	5	81	5	101	330/138/163
180W	577.7	131	6	98	6	124	380/130/175
200W	672.8	151	8	115.7	8	145	390/138/175
240W	789	177	8	135.7	8	170	430/148/178
270W	889.2	199	8	153	8	191	450/148/178

- Compressor type: Semi-hermetic screw type
- Refrigerant: R22(R407c as option)
- Power supply: 3PH-380V~415V -50Hz

Design conditions: Cooling water inlet temperature: 25°C, chilled water supply temp: 7°C.

The above parameters are based on standard configuration.



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