

# HERO-TECH



**HTS-A SERIES**

**AIR COOLED SCREW TYPE CHILLER**

# HTS-A SERIES 104 to 815KW AIR COOLED SCREW CHILLER

## Air Cooled Screw Chillers

HTS-A air 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 brand 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.
- Aluminum fin 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

### 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

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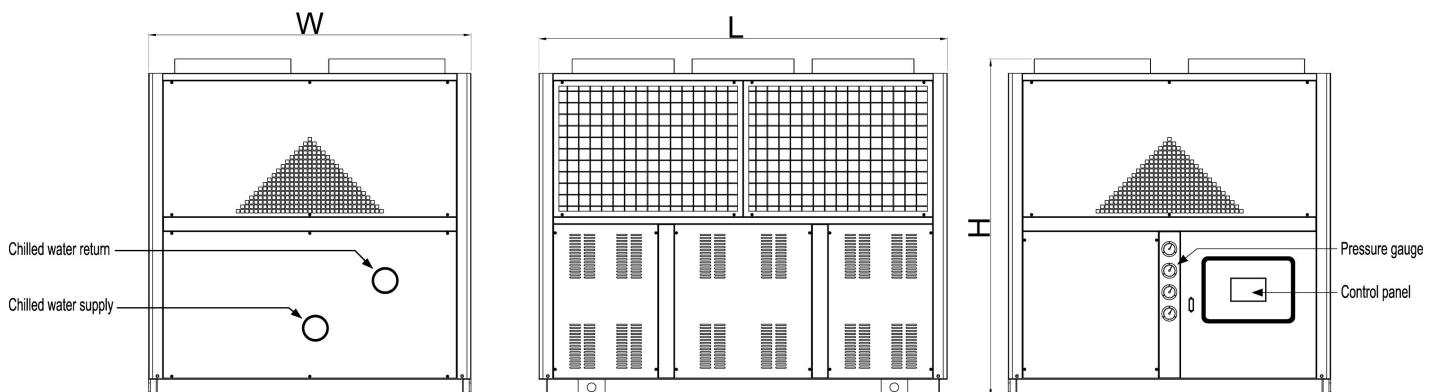
## Specifications

Model (HTS-***)	Cooling capacity(KW)	Compressor motor(KW)	Fan motor		Chilled water		Dimension L/W/H(CM)
			Power(KW)	Air volume(m <sup>3</sup> /h)	Calibre(inch)	Flow(m <sup>3</sup> /h)	
40A	104.6	36.5	1.1 x 4	40000	3	18	200/178/185
50A	137.2	45.8	1.1 x 4	50000	3	23.6	228/180/193
60A	149.4	50.2	1.0 x 6	60000	3	25.7	265/180/193
75A	199.8	66.5	1.1 x 8	80000	4	34.4	295/195/220
85A	235.5	74.9	1.2 x 8	90000	4	40.5	350/195/220
100A	272.2	86.7	1.2 x 8	100000	4	46.4	400/195/220
120A	324.4	105.2	1.2 x 10	116000	4	55.3	480/195/220
150A	407.6	129	1.5 x 10	135000	5	69.5	550/210/220
80AD	209.2	36.5 x 2	1.1 x 8	80000	4	35.6	360/180/193
100AD	274.4	45.8 x 2	1.1 x 8	100000	4	46.8	400/180/193
120AD	298.8	50.2 x 2	1.2 x 8	116000	5	50.8	480/180/193
150AD	399.6	66.5 x 2	1.1 x 10	135000	5	68	550/205/220
170AD	471	74.9 x 2	1.5 x 10	165000	6	80	680/205/220
200AD	544.4	86.7 x 2	1.5 x 12	200000	6	92.8	780/205/225
240AD	648.8	105.2 x 2	1.9 x 12	236000	8	110.6	850/220/235
300AD	815.2	129 x 2	1.9 x 16	276000	8	139	1100/220/220

- Compressor type: Semi-hermetic screw
- Refrigerant: R22(R407c as option)
- Evaporator: Shell and tube type
- Power supply: 3PH-380V-50Hz

Design conditions: Working ambient temp: 30°C, chilled water supply temp: 7°C.

**The above parameters based on standard configuration.**



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