

HERO-TECH



HTI-A SERIES

AIR COOLED INDUSTRIAL CHILLER

HTI-A SERIES 1.5 to 122KW AIR COOLED WATER CHILLER

Air Cooled Industrial Chillers

HTI-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 micro 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

- Complete English display micro controller
- Top brand hermetic scroll compressor
- Multiple power supply voltage for option
- Multiple refrigerant for option, including R22, R407c, R134a, R404a, R507a, etc.
- Aluminum fin type condenser
- Large volume axial fan motor
- Stainless steel insulated storage tank with automatic filling valve
- Complete copper refrigeration and processing pipe
- Castors equipped for models below HTI-15AD
- Motor overload cutout
- High and low pressure cutout
- High water temperature alarm
- Water shortage alarm
- Phase sequence and phase missing alarm

Optional Configuration

- Stainless steel pump
- Stainless steel plate type evaporator
- Refrigerant sight glass
- Refrigerant by-pass
- Alarm buzzer
- Main power cable
- Water by-pass valve for pressure adjustment
- Y type filter
- Water pressure gauge
- 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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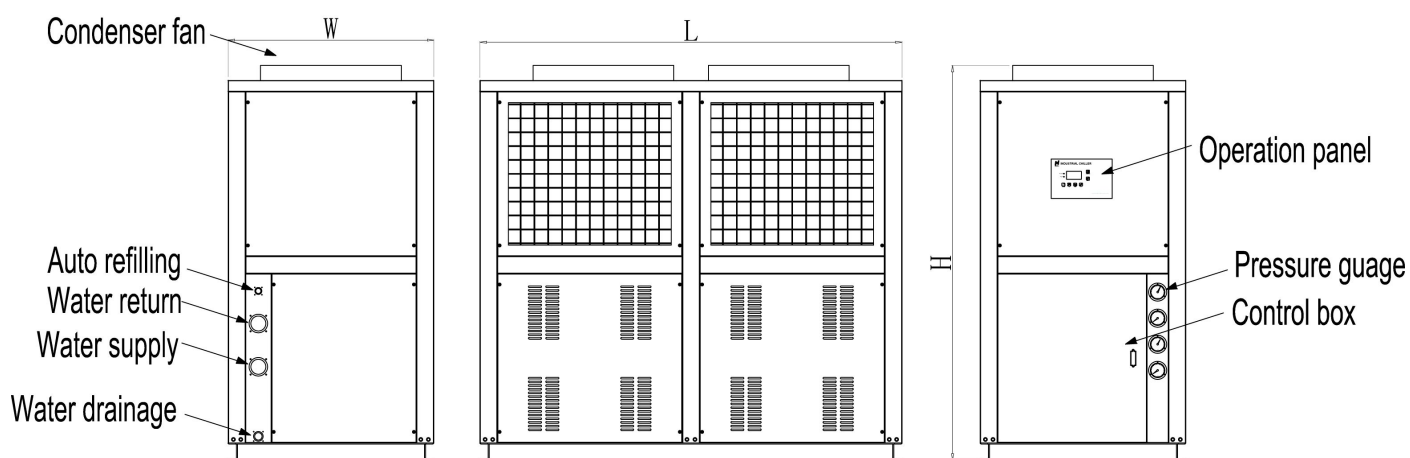
Specifications

Model (HTI-***)	Cooling capacity(KW)	Compressor motor(HP)	Tank volume(L)	Inlet/outlet diameter(inch)	Pump motor(KW)	Minimum flow rate(L/min)	Dimension L/W/H(CM)
1/2A	1.5	0.5	10.6	1/2	0.37	4.31	55/40/69
1A	2.51	1	18.3	1/2	0.37	8	60/40/85
2A	5.17	2	27	1/2	0.37	15.2	60/40/85
3A	7.91	3	50	1	0.37	22.7	98/56/135
5A	12.9	5	60	1	0.75	37.8	98/56/135
6A	15.4	6	110	1	0.75	45	112/61/139
8AD	21	8×2	120	1-1/2	0.75	59	130/68/153
10AD	25.8	5×2	200	2	0.75	75	150/76/166
12AD	30.8	6×2	200	2	1.5	84	150/76/166
15AD	40	7.5×2	270	2	1.5	119	186/85/180
20AD	54	10×2	350	2-1/2	2.2	148	195/95/187
25AD	61	12.5×2	350	2-1/2	2.2	168	195/95/187
30AD	78.3	15×2	420	2-1/2	2.2	227	196/157/180
40AF	108	10×4	580	3	4	297	200/178/185
50AF	122	12.5×4	580	3	4	366	228/188/193
60AF	156.6	15×4	680	3	4	472	265/188/193

- Compressor type: Hermetic scroll
- Refrigerant: R22(R407c as option)
- Water supply pressure: 2 Bar
- 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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