

HIGH TEMPERATURE HOT WATER HEAT PUMP

GHP 10~60



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Indoor installation

Capacity from 9.2 to 58.2 kW

Characteristics

High temperature refrigerant provides 85°C hot water and ensure long term stable operation.

Environment-friendly, high efficient and safe mixed refrigerant

Raising water from 25~45°C to 70~85°C

Available configurations

GHP 10 HT 1
(1) (2)

(1) Version:

HT High temperature outlet water 75°C

HS Super high temperature outlet water 85°C

(2) Power Supply:

1 220/1/50

2 380/3/50

3 230/1/60

4 460/3/60

5 220/3/60

6 Other power supply

Applications

Semiconductor processing, solar battery processing, food processing, and other applications require high temperature water.

Functions and features



Optional

Super high temperature outlet water 85°C

Anti-corrosive heat exchanger

Rubber anti-vibration mounts

Spring anti-vibration mounts

Remote micro-processor control

Customized adaptor protocol

Technical data

Model	GHP(HT)	Size	10	12	14	16	18	24	30	36	45	60
Heating capacity	KW		9.2	12.0	13.4	16.2	18.1	23.4	29.1	36.3	46.9	58.2
Compressor	Type		Scroll									
	Nr.		1	1	1	1	1	2	2	2	2	2
	Power input	KW	2.5	3.5	3.9	4.6	5.2	6.8	8.3	10.4	13.3	16.6
Power regulation stage	%		100									
Refrigerant	Type		CD-1									
	Weight	kg	1.4	1.5	1.7	2.0	2.1	2.5	2.9	4.1	5.0	5.8
Oil	Volume	L	1.5	2.0	2.3	2.5	3.0	3.5	3.8	6.0	7.0	7.6
	Water flow	m ³ /h	1.6	1.9	2.2	2.6	3.0	3.9	4.9	6.0	7.7	9.7
User side	Type		Plate type heat exchanger									
	Inlet/outlet nozzle	DN	32	32	32	40	40	40	40	50	50	50
	Resistance	KPa	39.5	27	38	31	39	38	48	47	42	45
Source side	Water flow	m ³ /h	1.2	1.5	1.6	2.0	2.2	2.9	3.6	4.5	5.8	7.2
	Type		PHE									
	Inlet/outlet nozzle	DN	32	32	32	40	40	40	40	50	50	50
Resistance	KPa	40	27	38	31	39	38	48	47	42	45	
Noise	dB(A)	50	51	51	52	52	55	59	60	62	62	
Weight	kg	81	94	105	112	120	135	160	280	298	320	

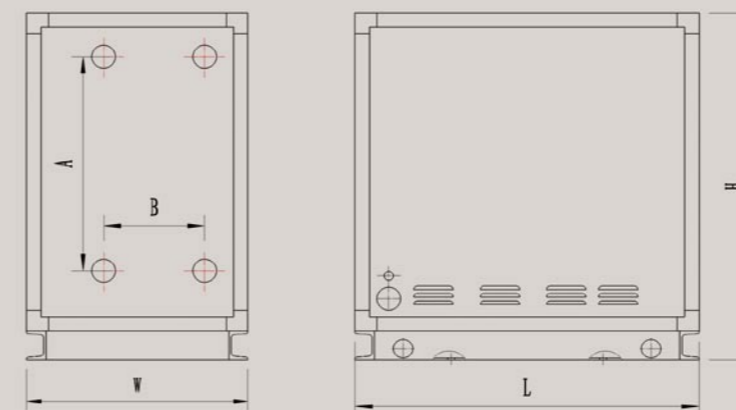
Note:

Source side water inlet/outlet temperature = 43/38°C.

User side water inlet/outlet temperature = 70/75°C.

Noise measured at 1m in open field.

Dimensions



Size	10	12	14	16	18	24	30	36	45	60
L	500	660	660	660	800	800	800	800	800	800
H	800	1100	1100	1100	1100	1100	1100	1100	1100	1100
W	400	500	500	500	600	600	600	1200	1200	1200
A	466	466	466	466	466	466	466	466	466	466
B	210	210	210	210	210	210	210	210	210	210