HIGH TEMPERATURE HOT WATER HEAT PUMP

GSHP 140～1500

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Indoor installation

Capacity from 145 to 1480 KW

Characteristics

Benefit of high temperature working condition refrigerant, heat pump is suitable for constantly providing 85˚C hot water

Refrigerant adopted is safe, environment-friendly and high efficient

Raising water from 25~45˚C to 70~85˚C

Available configurations

GSHP 140 HT 2

(1) (2)

(1) Version:

HT High temperature outlet water 75˚C

HS Super high temperature outlet water 85˚C

(2) Power Supply:

2 380/3/50

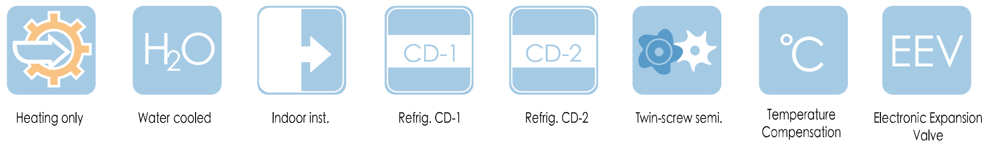
4 460/3/60

6 Other power supply

Applications

Oil refine, 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 control with remote micro-processor control

Customlized adaptor protccol

Technical data

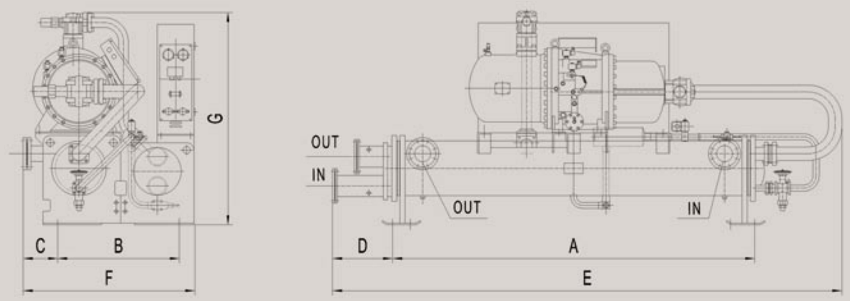
Model	GSHP(HT)	Size	140	220	300	440	500	700	900	1000	1500
Heating capacity		KW	145	220	315	444	520	740	950	1150	1480
Compressor	Type		Screw								
	Nr.		1	1	1	1	2	2	2	2	2
	Rated power	KW	44.3	65.7	91.7	132.5	147	216.9	294.8	325	417
Power regulation stage		%	25-50-75-100				12.5-25-37.5-50-62.5-75-87.5-100				
Refrigerant	Type		CD-1								
	Weight	kg	46	70	97	140	171	222	302	380	500
Power supply			380V/3P/50Hz								
Oil	Volume	L	10	12	20	25	34	45	60	75	75
User side	Water flow	m^3/h	25	38	54	77	90	128	164	198	255
	Type		Shell and tube								
	Inlet/outlet nozzle	DN	65	80	100	125	125	150	150	150	2×125
	Resistance	KPa	45	46	49	43	43	44	43	42	43
Source side	Water flow	m^3/h	17	27	39	54	64	90	113	142	183
	Type		Shell and tube								
	Inlet/outlet nozzle	DN	65	80	100	125	125	150	150	150	150
	Resistance	KPa	43	42	42	44	42	42	43	43	43
Noise		dB(A)	80	81	82	83	81	82	82	83	83
Weight		kg	1800	2250	2836	3250	3580	4500	5500	6800	9000

Note:

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

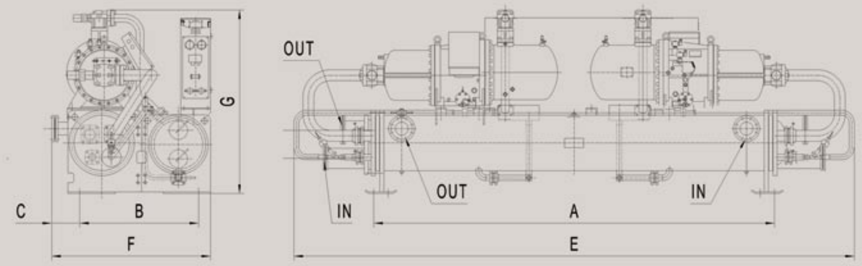
User side water inlet/outlet temperature = 70/75°C.

Noise measured at 1m in open field.



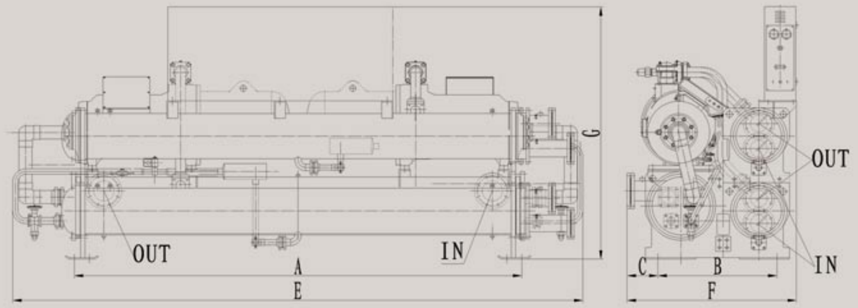
140-440

Size	140	220	300	440
A	2100	2300	2505	3585
B	850	850	850	850
C	240	240	240	240
D	380	380	395	395
E	2500	2700	2900	3980
F	1160	1160	1160	1160
G	1445	1445	1445	1445



500-1000

Size	500	700	900	1000
A	3270	3270	3400	3570
B	800	960	960	960
C	235	210	210	210
E	4410	4410	4750	4930
F	1160	1470	1470	1270
G	1445	1615	1615	1615



1500

Size	1500
A	3570
B	950
C	246
E	4550
F	1351
G	2014