

WATER COOLED WATER CHILLER

Indoor installation

Capacity from 398 to 1167 KW

Characteristics

High efficient condenser with large heat change area

Heat exchanger with big fouling factor

Available configurations

SLSB 400 R(XX)% S A 2

(1) (2) (3) (4)

(1) Heat Recovery:
- XX Percentage of recovery

(2) Version:
- ST Standard
- EN Low noise type

(3) Refrigerants:
- A R22
- B R407C
- C R134a
- E Other refrigerants

(4) Power Supply:
- 2 380/3/50
- 4 460/3/60
- 6 Other power supply

Applications

arts and crafts | industry | commerce | workshop | agriculture

Functions and features

Cooling only | Water cooled | Indoor inst. | Refrig. R-407C | Refrig. R-134a | Refrig. R-22 | Twin-screw semi. | Thermodynamic Heat Recovery

Technical data

Model	SLSB	Size	400	500	550	600	700	800	900	1000	1100	1200
General	Cooling capacity	KW	398	493	547	584	674	803	898	992	1093	1167
	Power input	KW	85.4	105.7	113	120.7	140.8	165.6	183.6	205.5	226	241.4
	Power regulation stage		50-75-100				25-37.5-50-67.5-75-87.5-100					
Compressor	Nr.		1	1	1	1	2	2	2	2	2	2
	Type		Screw									
	Oil		P.O.E.									
	Oil volume	L	22	35	35	35	44	44	44	70	70	70
Evaporator	Type		Shell and tube									
	Water flow	m³/h	68	84	94	100	116	138	154	170	187	200
	Inlet/outlet nozzle	DN	125	150	150	150	150	150	150	150	200	200
	Max water side operation pressure	Mpa	1									
	Resistance	KPa	50									
	Fouling factor	m².k/kw	0.086									
Condenser	Type		Shell and tube									
	Water flow	m³/h	83	102	113	121	137	166	185	205	226	241
	Inlet/outlet nozzle	DN	125	125	125	125	80×2	125×2	125×2	125×2	125×2	125×2
	Max water side operation pressure	Mpa	1									
	Max refrigerant side operation pressure	Mpa	1.9									
	Resistance	KPa	50									
	Fouling factor	m².k/kw	0.086									
Refrigerant	Nr. of circuits		1	1	1	1	2	2	2	2	2	2
	Type		R407C									
	Weight	kg	75	80	83	87	54×2	75×2	78×2	80×2	83×2	87×2
Power supply			380V/3P/50Hz									
Noise		dB(A)	80	80	81	83	82	82	83	83	84	85
Weight		kg	2600	2800	2900	3000	3700	4100	4300	4900	5100	5300

Note:

Cooling working condition: chilled water inlet temperature 12°C, chilled water outlet temperature 7°C, cooling water inlet temperature 30°C, cooling water outlet temperature 35°C.

Noise measured at 1m in open field.

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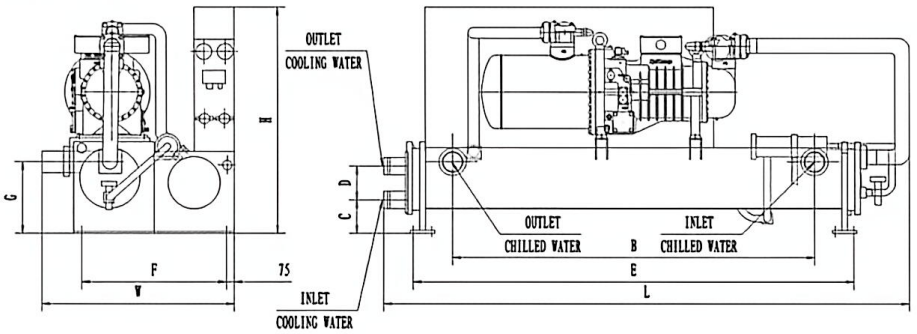
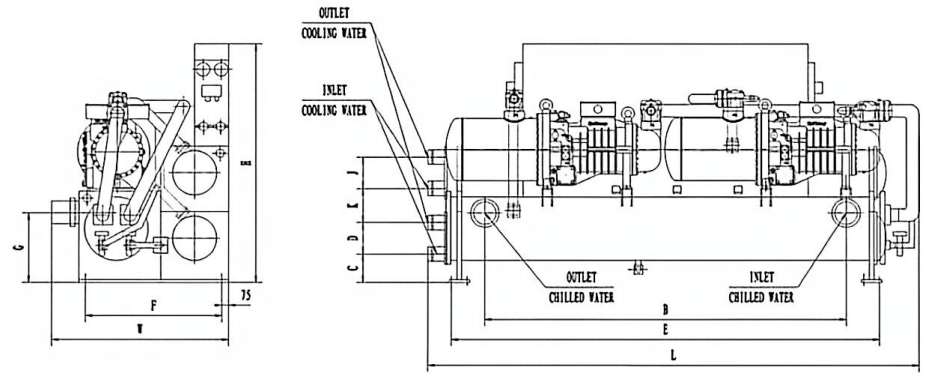
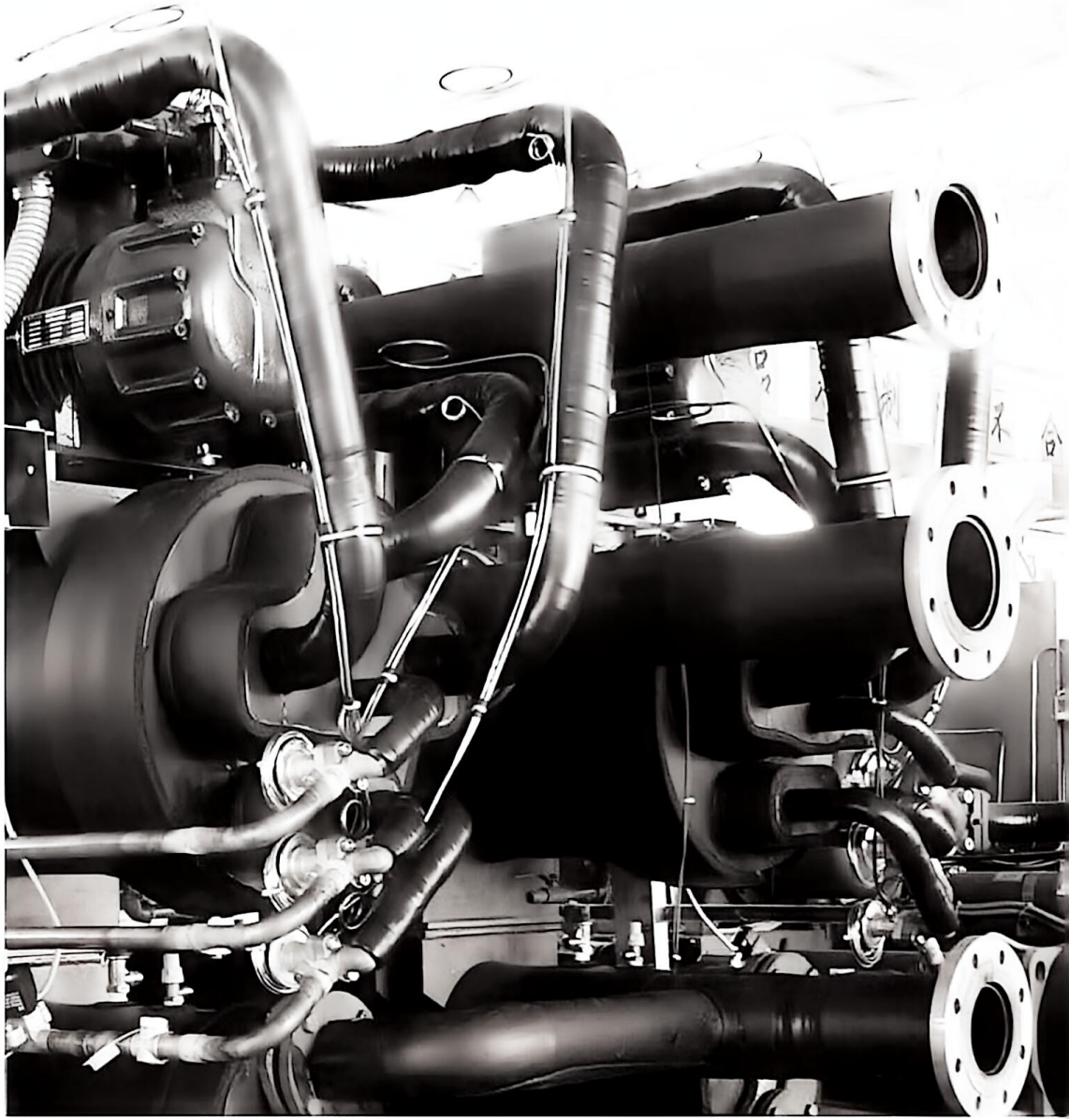
Dimensions



Size	L	W	H	E	F	B	C	D	G
400	3200	1300	1470	2470	900	2000	232	200	447
500	3100	1350	1480	2370	950	1900	232	200	472
550	3100	1400	1500	2370	975	1900	232	200	512
600	3200	1400	1500	2470	975	2000	232	200	512



Size	L	W	H	E	F	B	C	D	K	J	G
700	3900	1360	1680	3170	875	2700	217	160	275	160	472
800	4000	1400	1770	3170	925	2700	222	180	290	180	472
900	4100	1460	1770	3270	950	2800	222	190	290	190	512
1000	4100	1460	1770	3270	950	2800	222	190	290	190	512
1100	4100	1500	1770	3270	1025	2700	222	190	290	190	537
1200	4200	1530	1820	3370	1025	2800	232	200	310	200	537



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