

SLSB Screw Type Water Cooled Water Chiller



Cooling capacity

298KW-1167KW

Product feature

- COP 6.2
- Single unit with large capacity.
- Using imported screw compressors.
 - The innovative design of rotors profile lead to the high compression efficiency.
 - High quality bearings lead to the low noise level and long operating time.
 - Electronic protection module can avoid the damage to the compressor and the operating time can reach 60,000 hours.
- Automatic computer controlling cabinet.
 - World top-rank electronic controlling components can provide all kind of auto-controlling and protective function.
 - Operating state can be showed in the liquid crystal display and the operating parameter can be controlled and modified.
 - Intelligent operation can be achieved by central computer.
- Heat exchanger of top quality.
 - Self-designed shell and tube heat exchanger lead to logical matching.
 - Each passage profile of the heat exchanger is designed to be different, thus the heat exchange efficiency can be improved largely.

Item	Unit	SLSB400	SLSB500	SLSB550	SLSB600	SLSB700
Cooling capacity	kW	398	493	547	584	674
Power input	kW	85.4	105.7	113.0	120.7	140.8
Compressor	Model	SRC-S 353	SRC-S 453	SRC-S 503	SRC-S 553	SRC-S 303
	Quantity	1	1	1	1	2
	Power(HP)	140	180	200	220	120×2
Energy adjust method		Automatic				
Energy adjust range %		50,75,100	50,75,100	50,75,100	50,75,100	25%+12.5% increase
Refrigerant	Type	R22, R407C				
	In charge amount (kg)	75	80	83	87	54×2
Electrical specification	Power supply	380V-3Ph-50HZ				
	Protection	High/Low pressure /water lacking/compressor overload/ oil heater/inverse phase/ safty valve				
Chilled water flow	t/h	68	84	94	100	116
Cooling water flow	t/h	83	102	113	121	137
Condensor	Type	Horizontal shell tube				
	Temperature of inlet water (°C)	20~33				
	Max. pressure of condensing(Mpa)	1.9				
	Max. pressure of water side (Mpa)	1.0				
	Pressure drop of water side (Mpa)	0.05				
	Water connector (mm)	DN125	DN125	DN125	DN125	DN80×2
Evaperator	Temperature of outlet water (°C)	5-13				
	Max. pressure of water side (Mpa)	1.0				
	Pressure drop of water side (Mpa)	0.05				
	Water connector (mm)	DN125	DN150	DN150	DN150	DN150
Coefficient of dirt (m ² .k/kw)		0.086				
Dimension	Length×Width×Height (mm)	3200×1300×1470	3100×1350×1480	3100×1400×1500	3200×1400×1500	3900×1360×1680
Unit weight	kg	2600	2800	2900	3000	3700
Running weight	kg	2770	3020	3120	3330	4040
Sound	dB(A)	80	80	81	83	82

Item	Unit	SLSB800	SLSB900	SLSB1000	SLSB1100	SLSB1200
Cooling capacity	kW	803	898	992	1093	1167
Power input	kW	165.6	183.6	205.5	226.0	241.4
Compressor	Model	SRC-S 353	SRC-S 413	SRC-S 453	SRC-S 503	SRC-S 553
	Quantity	2	2	2	2	2
	Power(HP)	140×2	160×2	180×2	200×2	220×2
Energy adjust method		Automatic				
Energy adjust range %		25%+12.5% increase	25%+12.5% increase	25%+12.5% increase	25%+12.5% increase	25%+12.5% increase
Refrigerant	Type	R22, R407C				
	In charge amount (kg)	75×2	78×2	80×2	83×2	87×2
Electrical specification	Power supply	380V-3Ph-50HZ				
	Protection	High/Low pressure /water lacking/compressor overload/ oil heater/inverse phase/ safty valve				
Chilled water flow	t/h	138	154	170	187	200
Cooling water flow	t/h	166	185	205	226	241
Condensor	Type	Horizontal shell tube				
	Temperature of inlet water (°C)	20~33				
	Max. pressure of condensing(Mpa)	1.9				
	Max. pressure of water side (Mpa)	1.0				
	Pressure drop of water side (Mpa)	0.05				
	Water connector (mm)	DN125×2	DN125×2	DN125×2	DN125×2	DN125×2
Evaperator	Temperature of outlet water (°C)	5-13				
	Max. pressure of water side (Mpa)	1.0				
	Pressure drop of water side (Mpa)	0.05				
	Water connector (mm)	DN150	DN150	DN150	DN200	DN200
Coefficient of dirt (m ² .k/kw)		0.086	0.086	0.086	0.086	0.086
Dimension Length×Width×Height (mm)		4000×1400×1770	4100×1460×1770	4100×1460×1770	4100×1500×1770	4200×1530×1820
Unit weight	kg	4100	4300	4900	5100	5300
Running weight	kg	4500	4860	5380	5670	5960
Sound	dB(A)	82	83	83	84	85

Note:

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