

Air Cooled Screw Chiller

Climatcool U.S.A.
Hi-Tech Airconditioning



Features

Environment Responsibility >>



- ▶ A more efficient chiller means less power consumption, which reduces greenhouse gas (CO₂) emissions.
- ▶ R-134a friendly refrigerant has no ozone-depletion potential.
- ▶ High efficiency, world class, sustainable and reliable performance.

Lowest total cost of ownership >>

- ▶ Reliability, Low Risk of uncomfortable downtime.
- ▶ The best parts, Bitzer Comp. Danfoss EXV, & Schneider electric.



- ▶ World class testing facilities to ensure the performance & reliability.
- ▶ Each unit was extensively tested to verify its operational reliability & to insure a smooth startup.
- ▶ Serviceability, low maintenance costs.

Design Flexibility >>

- ▶ Six basic capacity module, wide array of module combination.
- ▶ Standard module for flexible stock and fast delivery.
- ▶ Field-coupled to meet large project tonnage requirements.
- ▶ Low initial investment and maintenance cost.

Silent operation >>

- ▶ Large dimension impellers reduced speed causing less noise.
- ▶ The lower ambient temp., the lower fan air flow then reduce noise.
- ▶ Intelligent control logic balance the performance & working fan numbers to control the noise & power consumption.
- ▶ Super low noise model is optional.



Air Cooled Screw Sciller

Specification



Model		SLSBLGW380/C	SLSBLGW500/C	SLSBLGW600/C	SLSBLGW760/C	
Power Supply		V/Ph/ Hz 380-415/3/50				
Capacity	Cooling	Kw	376	496	594	756
	Power Input	Kw	124	159	187	246
EER/COP		3.03/3.93	3.12/4.02	3.17/3.94	3.07/4.12	
Refrigerant Type		R-134a				
Compressor	Type*	Semi-Hermetic, Twin Screw				
	Qty.	Pcs.	1	1	1	2
	Brand	Bitzer				
Water Side Heat Exchange	Type	Shell and Tube Heat Exchanger				
	Water Flow	m ³ /h	65.4	86	103.2	130.7
	Pressure Drop	Kpa	39	54	56	75
	Connection Pipe	Victaulic Coupling				
Air Side Heat Exchanger	Type	Fin-Coil Heat Exchanger				
	Fan Type/ Qty.		Axial / 6	Axial / 8	Axial / 10	Axial / 12
	Air Flow	m ³ /h	23000*6	23000*8	23000*10	23000*12
	Fan Motor Input	Kw	2.4*6	2.4*8	2.4*10	2.4*12
	Net Dimension (WxHxD)	mm	3810x2400x2280	4865x2400x2280	5800x2370x2280	7400x2370x2280
Net/ Operation Weight	Kg	3420/3640	4460/4770	5170/5510	6630/7080	
Loading Qty.(40'/40HQ)	Pcs.	3/3	3/3	3/3	1	
Model		SLSBLGW900/C	SLSBLGW1000/C	SLSBLGW1200/C	SLSBLGW1420/C	
Power Supply		V/Ph/ Hz 380-415/3/50				
Capacity	Cooling	Kw	902	996	1203	1419
	Power Input	Kw	285	318	381	466
COP/IPLV		3.16/3.94	3.13/4.01	3.157/4.26	3.04/3.80	
Refrigerant Type		R-134a				
Compressor	Type*	Semi-Hermetic, Twin Screw				
	Qty.	Pcs.	2	2	2	2
	Brand	Bitzer				
Water Side Heat Exchange	Type	Shell and Tube Heat Exchanger				
	Water Flow	m ³ /h	154.8	172	206.4	244.2
	Pressure Drop	Kpa	74	75	71	69
	Connection Pipe	Victaulic Coupling				
Air Side Heat Exchanger	Type	Fin-Coil Heat Exchanger				
	Fan Type/ Qty.		Axial / 14	Axial / 16	Axial / 20	Axial / 20
	Air Flow	m ³ /h	23000*14	23000*16	23000*20	23000*20
	Fan Motor Input	Kw	2.4*14	2.4*16	2.4*20	2.4*20
	Net Dimension (WxHxD)	mm	8800x2370x2280	9640x2370x2280	11700x2370x2280	11700x2400x2280
Net/ Operation Weight	Kg	7980/8600	9160/9760	9580/10350	10730/11640	
Loading Qty.(40'/40HQ)	Pcs.	1	1	1	1	

Note:

1. The Above design and specification are subject to change without prior notice.
2. Cooling conditions; T1: Indoor air temp. 27°C DB/19°C WB, Outdoor air temp. 35°C Db.