



Name of chiller:	Plate-tube Direct Evaporative Water Cool Chiller		
Model:	WSCZ1130CHA		
Performance:	Nominal Cooling Capacity	<i>kW</i>	1130
	Ton of Refrigeration	<i>Ton</i>	322
	Nominal Input power (note 4)	<i>kW</i>	243
	COP	<i>W/W</i>	5.1
Noise level	Within 1 meter	<i>dB</i>	83
	Within 10 meters	<i>dB</i>	73
Power:	Max operating current	<i>A</i>	560
	Power Supply		3 Ph/380 V /50Hz
Chiller:	Refrigerant		R134a
	Compressor type		Semi-closed screw compressor
	Capacity control		25%-100% Stepless capacity control
Evaporator:	Type		Shell & Tube
	Water flow	<i>m³/h</i>	194
	Internal diameter of water pipe	<i>mm</i>	DN200
	Water pressure drop	<i>kPa</i>	≤70
Condenser:	Type		Plate-tube direct evaporative
	Exhaust static pressure	<i>Pa</i>	10
	Water consumption	<i>m³/h</i>	2.26
	No. of fan		5
	No. of pump		2
Dimension:	Length	<i>mm</i>	8070
	Width	<i>mm</i>	2300
	Height	<i>mm</i>	3150
Weight:	Shipping	<i>kg</i>	14800
	Operating	<i>kg</i>	16650

Notes:-

- Rated conditions for cooling operation:
 - temperature of inlet/outlet chilled water: 12°C/7°C;
 - Ambient dry/wet bulb temperature: 35°C/24°C
- Temperature of supply cooling water is 30°C.
- Supply cooling water pressure is 0.06~0.15 MPa.
- Nominal Input power includes power consumption of compressors, cooling water pump and condenser fan
- Chiller electric supply based on maximum load.
- If the chiller is installed indoor, the indoor air flow should be less than 2.0 m/s.
- If the local water hardness is higher than 400mg/L, water softener is required.
- Minimum refrigerated operating environment temperature is 15°C, or lower on request.
- Chiller water flow range is 50% - 130% of nominal chilled water flow in cooling mode.
- Standard of chiller is GB/T18430.1 & JB/T12323-2015
- 28°C wet bulb correction factor is 0.98
- All above specifications are subject to change from to time without notice