



Name of chiller:	Plate-tube direct evaporative cool chiller		
Model:	WSCZ1300CHA		
Performance:	Nominal Cooling Capacity	kW	1,300 KW
	Nominal Input power (note 4)	kW	271 KW
	System COP	W/W	4.80
	COP	W/W	
Electrical data:	Max load	A	624
	Electricity Supply	Ph/V/Hz	3/ 380/50
Chiller system:	Refrigerant		R134a
	Refrigerant system		
	Compressor		Screw
	Number of compressors		
	Compressor brand		Danfoss
Evaporator:	Type		
	Water flow	m <sup>3</sup> /h	224
	Internal diameter of water pipe	mm	
	Water pressure drop	kPa	≤70
Condenser:	Type		plate-tube direct evaporative
	Condensing exhaust static pressure	Pa	Static @10
	Water consumption	m <sup>3</sup> /h	1.82
	No. of fan		
	Power of fan		
	No. of pump		
	Input power of pump		
Dimension:	Length	mm	9,500
	Width	mm	2,300
	Height	mm	3,150
Transport dimension:	Length	mm	
	Width	mm	
Weight:	Shipping	kg	
	Operating	kg	1,9100

**Notes:-**

1. Rated conditions for cooling operation:
  - (a) temperature of inlet/outlet chilled water: 12°C/7°C;
  - (b) Ambient dry/wet bulb temperature: 35°C/26°C
2. Temperature of supply cooling water is 30°C.
3. Supply cooling water pressure is 0.06~0.15 Mpa.
4. Nominal Input power includes power consumption of compressors, cooling water pump and condenser fan
5. System COP is equal to nominal cooling capacity divided by nominal input power
6. Chiller electric supply base on maximum load.



7. If the chiller is installed indoor, the indoor air flow should be less than 2 m/s.
8. Water system pipe diameter:
  - (a) supply water: 1-1/2"
  - (b) drainage & overflow: 1-1/2"
9. If the local water hardness is above Class I, water softener is needed.
10. Minimum refrigerated operating environment temperature is 15°C.
11. Chiller water flow range is 50% - 130% of nominal chilled water flow in cooling mode.
12. The chiller meet the standard of GB/T 18430.1
13. 28°C wet bulb correction factor is 0.98