



Name of chiller: *Plate-tube Direct Evaporative Cool Chiller*

Model:	WLSZ84PSGE		
Cooling Mode:	Nominal Cooling Capacity	kW	84
	Nominal Input power (note 4)	kW	18.5
	System COP	W/W	4.54
Heating Mode:	Heating capacity	kW	66
	Input Power:		22.5
	COP		2.93
Power:	Max operating current	A	55
	Power Supply	Ph/V/Hz	3/415/50
Chiller system:	Refrigerant		R410A
	Refrigerant system		1
	Number of compressors		1
	Compressor brand		Danfoss
Evaporator:	Compressor type		Full-Hermetic Scroll
	Type		Plate & Tube
	Water flow	m ³ /h	14
	Internal diameter of water pipe	mm	DN65
Condenser:	Water pressure drop	kPa	70
	Type		Plate-tube direct evaporative
	Exhaust static pressure	Pa	10
	Water consumption	m ³ /h	0.17
	No. of fan		1
	Fan power	kW	1.5
	No. of pump		1
Dimension:	Input power of pump	kW	1.1
	Length	mm	1,750
	Width	mm	1,630
Weight:	Height	mm	3,150
	Shipping	kg	2,050
	Operating	kg	2,350

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
 Rated conditions for heating operations
 - temperature of inlet/outlet warm water: 40°C/45°C;
 - ambient dry/wet bulb temperature: 7°C/6°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 base on maximum load.
- If the chiller is installed indoor, the indoor air flow should be less than 2 m/s.
- If the local water hardness is higher than 400mg/L, water softener is required.
- Minimum refrigerated operating environment temperature is 15 °C.
- Chiller water flow range is 50% - 130% of nominal chilled water flow in cooling mode.
- Standard of chiller is GB/T 18430.1 & JB/T12323-2015
- All above specifications are subject to change from to time without notice