



<i>Name of chiller:</i> Plate-tube Direct Evaporative Cool Chiller			
<i>Model:</i>	WLSZ168PSGE		
<i>Cooling Mode:</i>	Nominal Cooling Capacity	<i>kW</i>	168
	Nominal Input power (note 4)	<i>kW</i>	36.5
	System COP	<i>W/W</i>	4.60
<i>Heating Mode:</i>	Heating capacity	<i>kW</i>	130
	Input Power:		44
	COP		2.95
<i>Power:</i>	Max operating current	<i>A</i>	108
	Power Supply	<i>Ph/V/Hz</i>	3/415/50
<i>Chiller system:</i>	Refrigerant		R410A
	Refrigerant system		1
	Number of compressors		2
	Compressor brand		Danfoss
	Compressor type		Full-Hermetic Scroll
<i>Evaporator:</i>	Type		Plate & Tube
	Water flow	<i>m³/h</i>	29
	Internal diameter of water pipe	<i>mm</i>	DN80
	Water pressure drop	<i>kPa</i>	70
<i>Condenser:</i>	Type		Plate-tube direct evaporative
	Exhaust static pressure	<i>Pa</i>	10
	Water consumption	<i>m³/h</i>	0.34
	No. of fan		1
	Fan power	<i>kW</i>	1.5
	No. of pump		1
	Input power of pump	<i>kW</i>	1.5
<i>Dimension:</i>	Length	<i>mm</i>	2,300
	Width	<i>mm</i>	1,630
	Height	<i>mm</i>	3,150
<i>Weight:</i>	Shipping	<i>kg</i>	2,850
	Operating	<i>kg</i>	3,200

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