

Temperature Range (Machine outlet Temp.)	- 25 °C to 200 °C	Model	SUNDI-2A95W-2T N
Temperature Control Mode	Feed-forward PID + Special dynamic control calculation, PLC controller		
Temp. Difference (ΔT)	Set or control the Temp. difference between jacket oil and raw material process		
Program Editor	20 programs, each program can edit 45 steps		
Graph	Yes		
Communication Protocol	MODBUS RTU Protocol, RS 485 interface		
Process Temp. Sensor	PT 100 3 Wire		
Temperature Accuracy	± 1 °C		
Temperature Resolution	0.1 °C		
Heating Power	95 kW		
Cooling Capacity	200 °C	90 kW	
	100 °C	90 kW	
	20 °C	68 kW	
	0 °C	50 kW	
	- 20 °C	26 kW	
Circulation Pump (Flow Max.)	250 Ltr/min		
Pump Pressure	2.5 bar		
Compressor	Copeland		
Expansion Valve	Copeland		
Oil Separator	Copeland		
Evaporator	KAORI Plate heat exchanger		
Filter Dryer	Danfoss		
Operation Panel	10-inch color touch screen controller, temperature curve record, data export to excel format		
Pressure Protection	Danfoss		
Safety Protection	Self-diagnosis function, freezer overload protection, high pressure switch, overload relay, thermal protection device, liquid low level protection, high temperature protection and temperature fault protection		
Closed Circulation System	The whole system is full closed circulation, there is no oil mist at high temperature and no water vapor at low temperature, pressure do not rise up when system is running. The system will supplement oil automatically at low temperature.		
Refrigerant	R 404A or equivalent		
Refrigeration Technology	Rapid cooling down from high temperature		
End Connection Size	DN 40 PN 10		
Refrigeration Machine	Water-cooled		
Water-cooled type W (Cooling water at 20 °C)	30m ³ /H (1.5 bar ~ 4 bar) Important: Since this is a water cooled Unit, it requires 20 °C of clean & chlorine free cooling water for it's water cooled condenser.		
Dimension	2050 mm (W) * 1450 mm (D) * 1750 mm (H)		
Weight	1880 kg		
Power	AC 380V 50HZ 230 kW (max)		
Case Material	SUS 304		

*All specifications are subject to change without prior notice.