

Sıcaklık Kontrol Doğruluğu: $\pm 0,5\text{ }^{\circ}\text{C}$

Model	SUNDI-225 SUNDI-225W	SUNDI-235 SUNDI-235W	SUNDI-255 SUNDI-255W	SUNDI-275 SUNDI-275W	SUNDI-2A10 SUNDI-2A10W	SUNDI-2A15 SUNDI-2A15W	SUNDI-2A25 SUNDI-2A25W	SUNDI-2A38W	SUNDI-2A60W	SUNDI-2A95W	
Temp. range	-25°C ~ +200°C (optional: -150°C ~ +350°C)										
Control Mode	Feedback PID + Our special dynamic control calculation, PLC controller										
Temp. control	Process temp. control and jacket temp. control model										
Temp. difference	Set or control the temperature difference between jacket oil and raw material process										
Program Editor	5 programs, each program can edit 40 steps.										
Communication Portocol	MODBUS RTU Protocol, RS 485 interface										
Material temp. feedback	PT100 OR 4 ~ 20mA or communication (normal: PT100)										
Temp. feedback	The temp. of three points: the inlet and outlet of equipment, reactor material temp. (external temp. sensor)										
Medium temp. accuracy	±0.5°C										
Material temp. accuracy	±1°C										
Heating power kW	2.5	3.5	5.5	7.5	10	15	25	38	60	95	
Cooling capacity kW at	200°C	2.5	3.5	5.5	7.5	10	15	25	38	60	95
	100°C	2.5	3.5	5.5	7.5	10	15	25	38	60	95
	50°C	2.5	3.5	5.5	7.5	10	15	25	38	60	95
	20°C	2.5	3.5	5.5	7.5	10	15	25	38	60	95
	-5°C	2	3	4.5	6.6	8	12	19	30	46	70
	-20°C	1	1.8	2.8	3.8	4.6	7	12	16	22	32
Circulation pump max L/min bar	20	35	35	50	60	110	150	200	250	400	
	1	1.2	1.2	1.2	1.2	1.5	1.5	1.5	2.5	2.5	
Compressor	Tecumseh	Emerson copeland/sccroll compressor								Emerson copeland/Carlyle	
Expansion valve	Electronic expansion valve										
Evaporator	Plate heat exchanger										
Operation Panel	7-inch touch screen , show temp curve EXCEL data output										
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 supply oil automatically at low temperature.										
Refrigerant	R404A/R507C										
Connection size	ZG1/2	ZG3/4	ZG3/4	ZG1	ZG1	ZG1	DN32	DN40	DN50	DN65	
Water-cooled type W (cooling water @ 20°C)	600L/H 1.5bar~4bar	800L/H 1.5bar~4bar	1200L/H 1.5bar~4bar	1600L/H 1.5bar~4bar	2400L/H 1.5bar~4bar	3000L/H 1.5bar~4bar	6m³/H 1.5bar~4bar	8m³/H 1.5bar~4bar	12m³/H 1.5bar~4bar	18m³/H 1.5bar~4bar	
Dimension cm	40*70*130	45*70*160	45*70*160	55*70*175	65*85*185	70*85*185	80*120*185	150*100*185	200*145*205	200*145*205	
Weight kg	115	165	185	230	280	300	550	750	1000	1250	
Power 380V 50HZ	AC220V 4kW	5.6kW	8kW	11kW	14kW	21kW	35kW	54kW	81kW	126kW	
Case material	Cold-rolled sheet spraying (standard color 7035)										
Optional	Optional Ethernet interface, configure the computer operating software. Optional outside touch screen display controller (separated) the communication line distance is 10 meter.										
Optional	The heating power is within 25KW, and the SUNDI series can be equipped with an optional temperature control accuracy of ±0.1°C.										