

SUNDI -45°C~250°C

SUNDI-575 / SUNDI-575W Soğutmalı Isıtma Sirkülatörü

Sıcaklık Kontrol Aralığı: -45°C ~ +250°C
(opsiyonel: -150°C ~ +350°C)

Sıcaklık Kontrol Doğruluğu: ±0,5 °C



Model		SUNDI-525 SUNDI-525W	SUNDI-535 SUNDI-535W	SUNDI-555 SUNDI-555W	SUNDI-575 SUNDI-575W	SUNDI-5A1 SUNDI-5A10W	SUNDI-5A15 SUNDI-5A15W	SUNDI-4A25 SUNDI-4A25W	SUNDI-4A38W	SUNDI-4A60W	SUNDI-4A95W	SUNDI-4A130W	SUNDI-4A200W
Temp. range		-45℃~+250℃											
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		10 programs, each program can edit 40 steps.											
Communication Portocol		MODBUS RTU Protocol,RS485 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 temperature(external temp. sensor)											
Medium temp. accuracy		±0.5℃								±1℃			
Material temp. accuracy		±1℃										±1.5℃	
Heating power kW		2.5	3.5	5.5	7.5	10	15	25	38	60	95	130	200
Cooling capacity kW at	250℃	2.5	3.5	5.5	7.5	10	15	25	38	60	95	130	200
	20℃	2.5	3.5	5.5	7.5	10	15	25	38	60	95	130	200
	0℃	1.8	3	5	7	10	15	25	38	60	95	130	200
	-20℃	0.85	1.5	2.9	4.2	6	11	16	26	34	50	70	120
	-40℃	0.25	0.45	0.9	1.5	2	3.8	4.7	9	12	18	24	43
Circulation pump max L/min bar		20	35	50	50	110	110	150	200	250	400	400	600
		2	2	2	2	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Pump		LNEYA magnetic drive pump							German magnetic drive pump				
Compressor		Emerson, DANFOSS, Italy Dorin,French Tecumseh.											
Expansion valve		Emerson thermal expansion valve/DANFOSS thermal expansion valve.											
Evaporator		DANFOSS/KAORI 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 temp. fault protection.											
Closed circulation system		The whole system is full closed circulation, there is no oil mist at high temp. and no water vapor at low temp., pressure do not rise up when system is running. The system will supply oil automatically at low temperature.											
Refrigerant		R-404A/R507C, optional: R448A											
Connection size		G3/4	G3/4	G3/4	G3/4	G1	G1	DN32	DN40	DN50	DN50	DN65	DN65
Water-cooled type W (AT 20℃)		600L/H 1.5~4bar	800L/H 1.5~4bar	1500L/H 1.5~4bar	1800L/H 1.5~4bar	2600L/H 1.5~4bar	3200L/H 1.5~4bar	7m³/h 1.5~4bar	12m³/h 1.5~4bar	17m³/h 1.5~4bar	24m³/h 1.5~4bar	32m³/h 1.5~4bar	42m³/h 1.5~4bar
Dimension (air type)cm		45*85 *130	45*85 *130	55*100 *175	55*100 *175	70*100 *175	80*120 *185	100*150 *185	/	/	/	/	/
Dimension (water type)cm		45*85 *130	45*85 *130	45*85 *130	45*85 *130	55*100 *175	55*100 *175	80*120 *185	100*150 *185	205*145 *205	205*145 *205	245*145 *205	300*160 *225
Isolated ex-proof size cm		45*110 *130	45*110 *130	55*120 *170	55*120 *170	70*125 *175	80*145 *185	105*120 *185	100*175 *185	205*145 *205	205*145 *205	245*145 *205	300*160 *225
Positive Pressure (water type)cm		110*95 *195	110*95 *195	110*95 *195	110*95 *195	110*95 *195	135*145 *195	(135+60)* 145*225	(135+60)* 145*225	(185+60)* 145*225	(185+100)* 145*225	(185+100)* 145*225	(185+150)* 165*225
Weight kg		130	180	195	260	320	390	620	820	1100	1350	1680	2250
Power MAX 380V 50HZ		AC220V 4.5kW	6.5kW	9kW	11.5kW	16kW	23kW	36kW	55kW	89kW	135kW	180kW	280kW