

SUA Condensing Units with Copeland Compressor										
Model		SUAG02MZ	SUAG03MZ	SUAG04MZ	SUAG05MZ	SUAG06MZ	SUAG07MZ	SUAG08MZ	SUAG09MZ	SUAG10MZ
Room Temperature (°C)		-18°C ~ 0°C								
Refrigerant		R404A / R448A / R449A								
Power Supply		380V/3P/50HZ								
Compressor		ZB15KQE	ZB21KQE	ZB29KQE	ZB38KQE	ZB45KQE	ZB48KQE	ZB58KQE	ZB66KQE	ZB76KQE
Condenser Fan	Fan Qty	Φ450	Φ450	Φ450	Φ450	Φ450	Φ450	Φ450	Φ500	Φ500
	Fan Voltage	380V/3P/50HZ 6poles								
Condenser	Heat Exchange Area (m²)	20.75	29.75	37.75	44.5	54.6	58.5	71.4	75.75	83.5
	Condensing Capacity (kw)	5.4	7.74	9.82	11.57	14.2	15.21	18.56	19.7	21.71
	Fin Space (mm)	2	2	2	2	2	2	2	2	2
Evap 0°C	Cooling Capacity (W)	4300	6550	8900	11200	13100	14400	17500	19450	23250
	Input (kw)	1.97	2.79	3.7	4.67	5.29	5.82	7.1	7.92	9.26
Evap -5°C	Cooling Capacity (W)	3600	5550	7450	9400	11000	12050	14600	16350	19500
	Input (kw)	2.03	2.81	3.73	4.7	5.32	5.86	7.09	7.9	9.21
Evap -10°C	Cooling Capacity (W)	2950	4550	6200	7800	9150	10050	1200	13650	16200
	Input (kw)	2.1	2.82	3.74	4.72	5.35	4.9	7.08	7.88	9.16
Evap -15°C	Cooling Capacity (W)	2400	3750	5100	6450	7550	8300	9650	11250	13250
	Input (kw)	2.18	2.83	3.75	4.74	5.36	5.9	7.12	7.85	9.12
Pipe	Gas (inch)	3/4"	3/4"	7/8"	7/8"	7/8"	7/8"	1-1/8"	1-1/8"	1-1/8"
	Liquid (inch)	3/8"	1/2"	1/2"	1/2"	1/2"	1/2"	5/8"	5/8"	5/8"
Dimension (mm)		1370x650x870	1370x650x870	1370x650x1370	1370x650x1370	1370x650x1370	1370x650x1370	1370x650x1370	1370x650x1570	1370x650x1570

Model		SUAG02LZ	SUAG03LZ	SUAG04LZ	SUAG05LZ	SUAG06LZ	SUAG07LZ
Room Temperature (°C)		-25°C ~ -15°C					
Refrigerant		R404A / R448A / R449A					
Power Supply		380V/3P/50HZ					
Compressor		ZSI06KQE	ZSI09KQE	ZSI11KQE	ZSI15KQE	ZSI18KQE	ZSI21KQE
Condenser Fan	Fan Qty	Φ450	Φ450	Φ400	Φ400	Φ400	Φ400
	Fan Voltage	220V/1P/50HZ 6poles					
Condenser	Heat Exchange Area (m²)	21	30.3	37.2	45.5	54	59.2
	Condensing Capacity (kw)	5.6	8	9.9	12.1	14.4	15.7
	Fin Space (mm)	2	2	2	2	2	2
Evap -20°C	Cooling Capacity (W)	2330	3240	4120	5930	7230	8060
	Input (kw)	1.79	2.25	2.63	3.59	4.44	4.9
Evap -25°C	Cooling Capacity (W)	1880	2620	3340	4830	5910	6590
	Input (kw)	1.73	2.2	2.57	3.44	4.28	4.74
Evap -30°C	Cooling Capacity (W)	1500	2070	2610	3790	4780	5350
	Input (kw)	1.66	2.12	2.44	3.3	4.17	4.59
Pipe	Gas (inch)	3/4"	3/4"	7/8"	7/8"	7/8"	7/8"
	Liquid (inch)	3/8"	1/2"	1/2"	1/2"	1/2"	1/2"
Dimension (mm)		1370x650x870	1370x650x870	1370x650x1370	1370x650x1370	1370x650x1370	1370x650x1370

Remarks: Condensing temp:45°C



Supcool Refrigeration Equipment Factory
www.supcool.com



Copeland® SUA Series Condensing Unit with Double-door



- Product Description:**
- Traditional CU/AL Condenser;
 - Low Noise/High Efficient Axial Fan Motor;
 - Brand new design for double checking door;
 - Electrical control inside.



- Nomenclature:**
- SUA** ¹ **D** ² **2** ³ **M** ⁴ **Z** ⁵
- ¹ Supcool New Generation Unit With Double Door
 - ² Compressor Type **D**: Danfoss / **G**: Copeland
 - ³ HP
 - ⁴ Temperature **M**: -15 ~ +5°C, **L**: -20 ~ -15°C
 - ⁵ **Z**: for R404A / R448A / R449A

SUA Condensing Units with Danfoss Compressor									
Model	SUAD02MZ	SUAD03MZ	SUAD04MZ	SUAD05MZ	SUAD06MZ	SUAD07MZ	SUAD08MZ	SUAD09MZ	SUAD10MZ
Room Temperature (°C)	-18°C ~ +5°C								
Refrigerant	R404A/R448A/R449A								
Power Supply	380V/3P/50HZ								
Compressor	MLZ015T4	MLZ021T4	MLZ030T4	MLZ038T4	MLZ045T4	MLZ048T4	MLZ058T4	MLZ066T4	MLZ076T4
Condenser Fan	Fan Qty Φ450	Φ450	Φ450	Φ450	Φ450	Φ450	Φ450	Φ500	Φ500
Condenser	Fan Voltage	220V/1P/50HZ 6poles							
	Heat Exchange Area (m²)	20.75	29.75	37.75	44.5	54.6	58.5	71.4	83.5
	Condensing Capacity (kw)	5.4	7.74	9.82	11.57	14.2	15.21	18.56	21.71
	Fin Space (mm)	2	2	2	2	2	2	2	2
Evap -5°C	Cooling Capacity (W)	3788.82	5358.28	8076.22	9608.82	11717.6	12842.8	14899.2	17295.1
Evap -10°C	Input (kw)	1.9	2.5	3.6	4.3	5.1	5.57	5.96	6.76
	Cooling Capacity (W)	3069.08	4387.31	6573.69	7849.24	9516.67	10446.9	12057.1	13997.1
Evap -15°C	Input (kw)	1.85	2.48	3.5	4.21	5.02	5.48	5.96	6.56
	Cooling Capacity (W)	2443.43	3557.96	5297.17	6351.56	7645.54	8383.71	9596.21	11184.1
Evap -20°C	Input (kw)	1.82	2.45	3.45	4.18	4.95	5.42	5.96	6.56
	Cooling Capacity (W)	1895.38	2847.92	4216.59	5081.83	6056.68	6610.55	7458.33	8804.69
Evap -25°C	Input (kw)	1.8	2.42	3.4	4.15	4.9	5.35	5.96	6.46
	Cooling Capacity (W)	1406.5	2231.97	3304.79	4006.1	4711.29	5086.68	5600.78	6788.06
Pipe	Input (kw)	1.75	2.4	3.37	4.1	4.87	5.3	5.86	6.46
	Gas (inch)	3/4"	3/4"	7/8"	7/8"	7/8"	7/8"	1-1/8"	1-1/8"
Pipe	Liquid (inch)	3/8"	1/2"	1/2"	1/2"	1/2"	1/2"	5/8"	5/8"
Dimension (mm)	1370x650x870	1370x650x870	1370x650x1370	1370x650x1370	1370x650x1370	1370x650x1370	1370x650x1370	1370x650x1570	1370x650x1570

Remarks: Condensing temp:45°C

SUA Units with Copeland ZBD Digital Scroll Compressor				
Model	SUAB04MZ	SUAB05MZ	SUAB06MZ	SUAB07MZ
Room Temperature(°C)	-15°C ~ +15°C			
Refrigerant	R404A/R448A/R449A			
Power Supply	220V/1P/50HZ			
Compressor	ZBD29KQE	ZBD38KQE	ZBD45KQE	ZBD48KQE
Condenser Fan	Fan Qty Φ450	Φ450	Φ450	Φ450
Condensing Capacity (kw)	Air Flow (CBM/h)	10200	10200	10200
		11	13.4	15
Evap -5°C	Cooling Capacity (w)	7360	9290	11050
Evap -10°C	Input (kw)	3.73	4.7	5.32
	Cooling Capacity (w)	6150	7770	9240
Evap -15°C	Input (kw)	3.74	4.72	5.35
	Cooling Capacity (w)	5110	6460	7690
Evap -20°C	Input (kw)	3.75	4.74	5.36
	Cooling Capacity (w)	4210	5330	6350
Pipe	Input (kw)	3.7	4.67	5.29
	Gas (inch)	7/8"	7/8"	7/8"
Pipe	Liquid (inch)	1/2"	1/2"	1/2"
Dimension (mm)	1270x600x1210			