Copeland®

SUA Series Condensing Unit with Double-door









Nomenclature:

SUAD2MZ

SUA : **Supcool New Generation Unit With Double Door**

D : **Compressor Type** D: Danfoss / G: Copeland

2 : **HP**

M : **Temperature** M: -15 ~ +5°C , L: -20 ~ -15°C

Z : Z: for R404A / R448A / R449A

Product Description:

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



Supcool Refrigeration Equipment Factory

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	1 X Φ450	1 X Φ450	2 X Φ450	2 X Φ450	2 X Φ450	2 X Φ450	2 X Φ450	2 X Φ500	2 X Φ500
	Fan Voltage	220V/1P/50HZ 6poles								
Condenser	Heat Exchange Area (m^2)	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 -5°C	Cooling Capacity (W)	3788.82	5358.28	8076.22	9608.82	11717.6	12842.8	14899.2	17295.1	19535.8
	Input (kw)	1.9	2.5	3.6	4.3	5.1	5.57	5.96	6.76	7.66
Evap -10°C	Cooling Capacity (W)	3069.08	4387.31	6573.69	7849.24	9516.67	10446.9	12057.1	13997.1	16092.3
	Input (kw)	1.85	2.48	3.5	4.21	5.02	5.48	5.96	6.56	7.46
Evap -15°C	Cooling Capacity (W)	2443.43	3557.96	5297.17	6351.56	7645.54	8383.71	9596.21	11184.1	13201.7
	Input (kw)	1.82	2.45	3.45	4.18	4.95	5.42	5.96	6.56	7.46
Evap -20°C	Cooling Capacity (W)	1895.38	2847.92	4216.59	5081.83	6056.68	6610.55	7458.33	8804.69	10767
	Lnput (kw)	1.8	2.42	3.4	4.15	4.9	5.35	5.96	6.46	7.36
Evap -25°C	Cooling Capacity (W)	1406.5	2231.97	3304.79	4006.1	4711.29	5086.68	5600.78	6788.06	8665.01
	Input (kw)	1.75	2.4	3.37	4.1	4.87	5.3	5.86	6.46	7.36
Pipe	Gas (inch)	3/4"	3/4"	7/8"	7/8"	7/8"	7/8"	5/8"	5/8"	5/8"
	Liquid (inch)	3/8"	1/2"	1/2"	1/2"	1/2"	1/2"	1	1	1
Dimension (mm)		1370x650x870	1370x650x870	1370x650x1370	1370x650x1370	1370x650x1370	1370x650x1370	1370x650x1370	1370x650x1570	1370x650x1570

Remarks: Condensing temp:45°C

SUA Condensing Units with Copeland Compressor

Model		SUAG02MZ	SUAG03MZ	SUAG04MZ	SUAG05MZ	SUAG06MZ	SUAG07MZ	SUAG08MZ	SUAG09MZ	SUAG10MZ
Room Temperature (℃)						-18℃ ~ 0℃				
Refrigerant						R404A / R448A / R449A				
Power Supply						380V/3P/50HZ				
Compressor		ZB15KQE	ZB21KQE	ZB29KQE	ZB38KQE	ZB45KQE	ZB48KQE	ZB58KQE	ZB66KQE	ZB76KQE
Condenser Fan	Fan Qty	1 X Φ450	1 X Φ450	2 X Φ450	2 X Φ450	2 X Φ450	2 X Φ450	2 X Φ450	2 X Φ500	2 X Φ500
	Fan Voltage					220V/1P/50HZ 6poles				
Condenser	Heat Exchange Area (m^2)	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℃	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℃	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℃	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℃	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"	5/8"	5/8"	5/8"
	Liquid (inch)	3/8"	1/2"	1/2"	1/2"	1/2"	1/2"	1	1	1
Dimension (mm)		1370x650x870	1370x650x870	1370x650x1370	1370x650x1370	1370x650x1370	1370x650x1370	1370x650x1370	1370x650x1570	1370x650x1570

Model		SUAG02LZ	SUAG03LZ	SUAG04LZ	SUAG05LZ	SUAG06LZ	SUAG07LZ
Room Temperature (℃)				-25℃ ~ -15℃			
Refrigerant				R404A / R448A / R449A			
Power Supply				380V/3P/50HZ			
Compressor		ZSI06KQE	ZSI09KQE	ZSI11KQE	ZSI15KQE	ZSI18KQE	ZSI21KQE
Condenser Fan	Fan Qty	1 X Φ450	1 X Φ450	2 X Φ400	2 X Φ400	2 X Φ400	2 X Φ400
	Fan Voltage			220V/1P/50HZ 6poles			
Condenser	Heat Exchange Area (m^2)	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℃	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℃	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℃	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

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