



Minimum Evaporating Temp. With:

- 20 °C Suction Gas Return
- Maximum Evaporating Temperature
- Maximum Pressure Limit

Suction Superheat 11.1K

Liquid Subcooling 8.3K

Evaporating Temperature, °C

Ambient °C	Cooling Capacity, kW							
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
27.0	19.60	24.30	29.70	35.60	42.00	48.80	51.60	55.90
32.0	18.45	23.00	28.00	33.40	39.40	45.70	48.30	52.30
38.0	17.10	21.30	25.90	30.90	36.30	42.00	44.40	48.00
43.0	15.95	19.90	24.10	28.70	33.70	38.90	41.00	44.40
46.0		19.05	23.10	27.40	32.10	37.00	39.10	42.20
49.0		18.20	22.00	26.10	30.50	35.10	37.10	40.00

Ambient °C	Total Power Input, kW							
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
27.0	9.37	10.55	11.80	13.15	14.60	16.15	16.80	17.80
32.0	9.69	10.95	12.30	13.75	15.30	16.95	17.65	18.70
38.0	10.05	11.40	12.85	14.40	16.05	17.85	18.60	19.75
43.0	10.35	11.75	13.30	14.90	16.70	18.55	19.30	20.50
46.0		11.95	13.50	15.20	17.00	18.95	19.75	21.00
49.0		12.15	13.75	15.50	17.35	19.35	20.20	21.40

Ambient °C	Current at 400 V, A							
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
27.0	18.32	19.63	21.17	22.92	24.88	27.04	27.96	29.40
32.0	18.68	20.12	21.80	23.71	25.83	28.16	29.15	30.70
38.0	19.10	20.68	22.52	24.61	26.92	29.45	30.52	32.19
43.0	19.43	21.12	23.09	25.32	27.79	30.48	31.62	33.38
46.0		21.37	23.42	25.73	28.29	31.08	32.25	34.07
49.0		21.62	23.73	26.13	28.78	31.66	32.87	34.75

Ambient °C	Mass Flow, g/s							
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
27.0	118.50	151.00	189.50	235.00	288.00	349.00	377.00	421.00
32.0	117.00	149.00	187.00	231.00	283.00	343.00	370.00	414.00
38.0	114.50	146.50	183.50	226.00	277.00	335.00	361.00	404.00
43.0	112.50	144.00	180.00	222.00	271.00	328.00	354.00	395.00
46.0		142.00	178.00	219.00	267.00	324.00	349.00	390.00
49.0		140.50	176.00	216.00	264.00	319.00	344.00	384.00

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	W9/611
Number of Fans	2
Total Fan Power Input, W	800
Depth/Width, mm	1108/1600
Height, mm	875
Base mounting (hole dia), mm	1435 x 535 (18)
Gross Weight, kg	472
Net Weight, kg	358
Receiver Capacity, l	18.9
Liquid Line, inch	7/8
Air Flow, m ³ /s	3.33
High Side PS gauge, bar	28
Low Side PS gauge, bar	22.5
Suction Type	Fixed Valve
Suction Diameter, inch	2 1/8
Sound Pressure @ 10m, dBA	60

CONDENSING UNIT ELECTRICAL DATA (380-420 V / 3~ / 50 Hz)

Condenser Fan Current for 1 fan (single phase)	1.85 / 2.25
Compressor Maximum Operating Current, A	44.5
Compressor Locked Rotor Current, A	175

ACCESSORIES INCLUDED

ACCESSORIES OPTIONAL

MOTOR OPTIONS

Motor Code	Power Supply	Nominal Voltage, V	Start Connection	DOL Connection	Amps Factor
AWM	380-420 V / 3~ / 50 Hz	400	YY/Y	Y	1.00