



Minimum Evaporating Temp. With:

- 20 °C Suction Gas Return — 0 °C Suction Gas Return
- Maximum Evaporating Temperature — Maximum Pressure Limit

Suction Return Temperature 18.3°C

Liquid Subcooling 0.0K

Evaporating Temperature, °C

Ambient °C	Cooling Capacity, kW											
	-45.0	-40.0	-35.0	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0
27.0	15.70	20.60	26.20	32.50	39.60	47.30	55.60	64.60	74.20	84.20	88.40	
32.0		18.80	24.00	29.80	36.30	43.30	51.00	59.30	68.00	77.30	81.10	
38.0		16.55	21.30	26.50	32.30	38.60	45.40	52.80	60.60	68.90		
43.0			18.95	23.70	28.90	34.60	40.70	47.30	54.40			
46.0			17.55	22.00	26.80	32.10	37.80	44.00				
49.0				20.30	24.80	29.70	35.00					

Ambient °C	Total Power Input, kW											
	-45.0	-40.0	-35.0	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0
27.0		12.10	13.85	15.75	17.75	19.85	22.00	24.30	26.50	28.80	31.00	32.00
32.0			14.10	16.15	18.25	20.50	22.80	25.20	27.50	29.90	32.30	33.30
38.0			14.35	16.50	18.75	21.10	23.60	26.10	28.60	31.20	33.80	
43.0				16.70	19.10	21.60	24.10	26.80	29.40	32.10		
46.0				16.80	19.25	21.80	24.40	27.10	29.90			
49.0					19.35	22.00	24.70	27.40				

Ambient °C	Current at 400 V, A											
	-45.0	-40.0	-35.0	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0
27.0		25.21	27.19	29.46	31.99	34.75	37.70	40.82	44.09	47.50	51.01	52.44
32.0			27.44	29.89	32.63	35.60	38.78	42.14	45.65	49.30	53.04	54.57
38.0			27.59	30.26	33.22	36.45	39.90	43.54	47.34	51.27	55.30	
43.0				30.41	33.57	37.00	40.67	44.54	48.57	52.73		
46.0				30.43	33.70	37.26	41.05	45.06	49.23			
49.0					33.78	37.45	41.38	45.52				

Ambient °C	Mass Flow, g/s											
	-45.0	-40.0	-35.0	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0
27.0		108.50	145.00	188.50	240.00	300.00	371.00	454.00	552.00	667.00	805.00	868.00
32.0			140.00	182.50	233.00	292.00	362.00	443.00	540.00	655.00	793.00	857.00
38.0			132.50	174.00	223.00	281.00	349.00	429.00	524.00	639.00	780.00	
43.0				166.50	214.00	270.00	337.00	416.00	511.00	627.00		
46.0				161.50	208.00	264.00	329.00	408.00	503.00			
49.0					202.00	257.00	322.00	400.00				

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	W99/611
Number of Fans	4
Total Fan Power Input, W	1600
Depth/Width, mm	1189/1600
Height, mm	1803
Base mounting (hole dia), mm	1440 x 630 (18)
Gross Weight, kg	711
Net Weight, kg	504
Receiver Capacity, l	47.9
Liquid Line, inch	7/8
Air Flow, m ³ /s	7.25
High Side PS gauge, bar	31
Low Side PS gauge, bar	22.5
Suction Type	Fixed Valve
Suction Diameter, inch	2 1/8
Sound Pressure @ 10m, dBA	59

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	61.1
Compressor Locked Rotor Current, A	272

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
EWK	220-240 V / 3~ / 60 Hz	230	Y/DELTA	DELTA	2.10
EWK	380-420 V / 3~ / 60 Hz	380		Y	1.20
AWD	440-480 V / 3~ / 60 Hz	460	YY/Y	Y	1.00