



Minimum Evaporating Temp. With:

- 20 °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										
	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5	15.0
27.0	27.00	34.10	42.00	50.90	60.60	71.30	82.70	87.50	94.80	101.00	
32.0	25.20	31.90	39.30	47.60	56.80	66.70	77.30	81.80	88.60	94.50	
38.0	23.00	29.20	36.10	43.70	52.00	61.10	70.80	74.80			
43.0		27.00	33.40	40.40	48.10						
46.0		25.60	31.80	38.40							
49.0			30.10								

50 Hz

W99-4MK-35

R407C Dew Point

Ambient °C	Total Power Input, kW										
	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5	15.0
27.0	14.45	16.25	18.20	20.20	22.30	24.60	27.00	28.00	29.60	31.00	
32.0	14.85	16.90	19.00	21.20	23.50	25.90	28.50	29.60	31.30	32.70	
38.0	15.25	17.50	19.85	22.30	24.80	27.40	30.20	31.40			
43.0		17.90	20.40	23.10	25.80						
46.0		18.05	20.70	23.50							
49.0			21.00								

Ambient °C	Current at 400 V, A										
	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5	15.0
27.0	27.57	29.68	32.02	34.61	37.48	40.65	44.14	45.63	47.97	50.03	
32.0	28.04	30.43	33.06	35.94	39.10	42.56	46.33	47.93	50.43	52.62	
38.0	28.42	31.17	34.17	37.42	40.95	44.76	48.88	50.62			
43.0		31.62	34.94	38.53	42.37						
46.0		31.80	35.33	39.12							
49.0			35.65								

Ambient °C	Mass Flow, g/s										
	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5	15.0
27.0	144.50	185.50	234.00	292.00	359.00	438.00	531.00	572.00	640.00	702.00	
32.0	140.00	181.00	229.00	286.00	352.00	430.00	521.00	562.00	629.00	691.00	
38.0	135.00	175.50	223.00	278.00	342.00	418.00	508.00	549.00			
43.0		170.50	217.00	271.00	334.00						
46.0		167.00	213.00	266.00							
49.0			209.00								

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