



Minimum Evaporating Temp. With:

— 20 K Suction Superheat    
 — 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									
	-50.0	-45.0	-40.0	-35.0	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0
27.0			10.90	14.15	17.70	21.60	25.90	30.50	35.30	40.30
32.0				12.90	16.25	19.85	23.80	28.00	32.40	37.00
38.0					14.45	17.70	21.20	24.90	28.90	
43.0					12.95	15.90	19.05	22.40	26.00	
46.0						14.80	17.80	20.90		
49.0						13.70				

50 Hz

V6-4ML-15

R404A Dew Point

Ambient °C	Total Power Input, kW									
	-50.0	-45.0	-40.0	-35.0	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0
27.0			8.31	9.71	11.20	12.80	14.50	16.25	18.05	19.95
32.0				9.86	11.45	13.10	14.90	16.70	18.65	20.60
38.0					11.65	13.40	15.30	17.25	19.30	
43.0					11.80	13.65	15.60	17.65	19.75	
46.0						13.75	15.75	17.85		
49.0							13.85			

Ambient °C	Current at 400 V, A									
	-50.0	-45.0	-40.0	-35.0	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0
27.0			16.05	17.68	19.53	21.61	23.91	26.44	29.21	32.23
32.0				17.87	19.85	22.07	24.52	27.21	30.16	33.35
38.0					20.16	22.54	25.17	28.06	31.21	
43.0					20.35	22.86	25.65	28.70	32.02	
46.0						23.03	25.90	29.05		
49.0							23.17			

Ambient °C	Mass Flow, g/s									
	-50.0	-45.0	-40.0	-35.0	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0
27.0			77.50	103.00	133.00	168.50	210.00	259.00	316.00	385.00
32.0				99.60	129.00	164.00	205.00	254.00	311.00	380.00
38.0					124.00	158.50	199.00	247.00	305.00	
43.0					119.50	153.50	194.00	242.00	301.00	
46.0						150.50	191.00	240.00		
49.0							147.50			

**CONDENSING UNIT MECHANICAL AND PHYSICAL DATA**

Condenser/Fan Type	V6/611
Number of Fans	2
Total Fan Power Input, W	800
Depth/Width, mm	955/1289
Height, mm	835
Base mounting (hole dia), mm	1146 x 520 (14)
Gross Weight, kg	383
Net Weight, kg	303
Receiver Capacity, l	18.9
Liquid Line, inch	7/8
Air Flow, m <sup>3</sup> /s	2.97
High Side PS gauge, bar	31
Low Side PS gauge, bar	22.5
Suction Type	Fixed Valve
Suction Diameter, inch	1 5/8
Sound Pressure @ 10m, dBA	57

**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	35.4
Compressor Locked Rotor Current, A	156

**ACCESSORIES INCLUDED****ACCESSORIES OPTIONAL****MOTOR OPTIONS**

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