

UNIDAD COMERCIAL TIPO PAQUETE ROOFTOP COOLING ONLY 7.5 - 30 TR

MODELOS:

MRCT 075CWN1 D(C)/ MRCT 100CWN1 D(C)
MRCT 150CWN1 D(C)/ MRCT 200CWN1 D(C)
MRCT 250CWN1 D(C)/ MRCT 300CWN1 D(C)
MRCT 200CWN1 Z(C)/ MRCT 250CWN1 Z(C)
MRCT 300CWN1 Z(C)

Las soluciones de aire acondicionado paquete rooftop de Midea están diseñados y fabricados para ofrecer soluciones todo en uno para aplicaciones de AC Comercial.



7.5 a 30 toneladas
para 220 V y 20 a 30
toneladas para 460 V,
solo frío



Amplio rango de
operación de 10
a 52



Flujo de aire de
descarga lateral, apto
para instalación en
azotea y suelo



Puerta de acceso
desmontable en el cuadro
eléctrico para instalación
y puesta en marcha



Puertos de manómetro
externos para
comprobar la presión
del sistema de forma
cómoda y rápida

Model	MRCT 075CWN1 D(C)	MRCT 100CWN1 D(C)	MRCT 150CWN1 D(C)	MRCT 200CWN1 D(C)	MRCT 250CWN1 D(C)
Cooling Performance Data					
Total Cooling Capacity	89,000 btu/h	120,000 btu/h	180,000 btu/h	240,000 btu/h	300,000 btu/h
Sensible Cooling Capacity	55,582 btu/h	76,304 btu/h	134,668 btu/h	171,599 btu/h	219,600 btu/h
Cooling Power Input	7.80 kW	10.7 kW	16.2 kW	21.9 kW	27.8 kW
EER	11.41 btu/h.W	11.21 btu/h.W	11.11 btu/h.W	10.96 btu/h.W	10.79 btu/h.W
Cooling Outdoor DB	95°F	95°F	95°F	95°F	95°F
Cooling Indoor DB/WB	80°F /67°F	80°F /67°F	80°F /67°F	80°F /67°F	80°F /67°F
Supply Air Temp. DB/WB	55.6°F /67°F				
Supply Fan Performance Data					
Supply Air Flow	2700 CFM	4120 CFM	6450 CFM	8580 CFM	11,138 CFM
ESP	0.32 in.wg	0.36 in.wg	0.44in.wg	0.48 in.wg	1.0 in.wg
Fan Type/Qty.	Centrifugal / 1	Centrifugal / 1	Centrifugal / 1	Centrifugal / 2	Centrifugal / 2
Drive Type	Direct Drive	Belt	Belt	Belt	Belt
Supply Motor RPM	1080/1010/930	1700	1728	1730	1730
Supply Motor Power	1.46 hp	2.77 hp	4.52 hp	5.51 hp	7.95 hp
Supply Motor Qty.	1	1	1	1	1
General Data					
Refrigerant Type	R410a	R410a	R410a	R410a	R410a
Compressors Type/Brand	Scroll/Copeland	Scroll/Copeland	Scroll/Copeland	Scroll/Copeland	Scroll/Copeland
No. of Compressors	1	1	2	2	2
No. of Stages	1	1	2	2	2
Throttle Device	Capillary	Capillary	Capillary	Capillary	Capillary
Net Dimension WxHxD	58.1" x 33.1" x 44.5"	58.4" x 48.5" x 44.8"	77.4" x 48.4" x 44.5"	65.8" x 49.1" x 86.3'	91.3" x 49.0" x 87.4"
Package Dimension WxHxD	58.9" x 34.3" x 45.3"	59.1" x 49.4" x 45.5"	78.5" x 49.4" x 45.7"	66.7" x 50.6" x 87.1"	91.7" x 50.2" x 87.8"
Net Weight	518 lb	716 lb	1036 lb	1474 lb	1969 lb
Gross Weight	529 lb	739 lb	1069 lb	1540 lb	2035 lb
Sound Data					
Sound Pressure Level	75.6 dB(A)	75.7 dB(A)	76.8 dB(A)	78.3 dB(A)	79.2 dB(A)
Electrical Data					
Power Supply	220V,3Ph,60Hz	220V,3Ph,60Hz	220V,3Ph,60Hz	220V,3Ph,60Hz	220V,3Ph,60Hz
MCA	41.5 A	51.1A	71.6A	98.6A	122.8A
MOP	66.3 A	82.0A	102.5A	129.5A	160.8A
Compressor RLA	24.8 A	30.9 A	22.9A + 37.9A	30.9A +30.9A	38.0A + 38.0A
Compressor LRA	191.0 A	240 A	155A + 240A	240A + 240A	245A + 245A
Supply Fan FLA	5.04 A	7.3 A	11.4A	15.1A	19.7A
Condenser Fan FLA	5.45 A	5.16 A	5.28A	6.99A + 6.99A	8.8A + 8.8A
Condenser Fan Motor Power	2.2 hp	2.1 hp	2.2hp	2.51hp + 2.51hp	3.49hp + 3.49hp

Model	MRCT 300CWN1 D(C)	MRCT 200CWN1 Z(C)	MRCT 250CWN1 Z(C)	MRCT 300CWN1 Z(C)
Cooling Performance Data				
Total Cooling Capacity	358,300 btu/h	240,000 btu/h	300,000 btu/h	360,000 btu/h
Sensible Cooling Capacity	270,000 btu/h	171,599 btu/h	219,600 btu/h	270,000 btu/h
Cooling Power Input	37.3 kW	22.1 kW	28.0 kW	36.0 kW
EER	9.6 btu/h.W	10.86 btu/h.W	10.71 btu/h.W	10.0 btu/h.W
Cooling Outdoor DB	95°F	95°F	95°F	95°F
Cooling Indoor DB/WB	80°F /67°F	80°F /67°F	80°F /67°F	80°F /67°F
Supply Fan Performance Data				
Supply Air Flow	11,000 CFM	8300 CFM	11,500 CFM	11,000 CFM
ESP	1.08 in.wg	0.48 in.wg	0.52 in.wg	1.08 in.wg
Fan Type/Qty.	Centrifugal / 2	Centrifugal / 2	Centrifugal / 2	Centrifugal / 2
Drive Type	Belt	Belt	Belt	Belt
Supply Motor RPM	1130	/	/	/
Supply Motor Power	10.05 hp	5.63 hp	7.67 hp	10.05 hp
Supply Motor Qty.	1	1	1	1
General Data				
Refrigerant Type	R410a	R410a	R410a	R410a
Compressors Type/Brand	Scroll/Copeland	Scroll/Copeland	Scroll/Copeland	Scroll/Copeland
No. of Compressors	2	2	2	2
No. of Stages	2	2	2	2
Throttle Device	Capillary	Capillary	Capillary	Capillary
Net Dimension WxHxD	91.3" x 49.0" x 87.4"	65.8" x 49.1" x 86.3"	91.3" x 49.0" x 87.4"	91.3" x 49.0" x 87.4"
Package Dimension WxHxD	91.7" x 50.2" x 87.8"	66.7" x 50.6" x 87.1"	91.7" x 50.2" x 87.8"	91.7" x 50.2" x 87.8"
Net Weight	2068 lb	1474 lb	1969 lb	2068 lb
Gross Weight	2134 lb	1540 lb	2035 lb	2134 lb
Sound Data				
Sound Pressure Level	81.0 dB(A)	78.3 dB(A)	79.2 dB(A)	81.0 dB(A)
Electrical Data				
Power Supply	220V,3Ph,60Hz	460V,3Ph,60Hz	460V,3Ph,60Hz	460V,3Ph,60Hz
MCA	142.1A	60.8A	66.2A	67.9A
MOP	185.3A	81.5A	87.6A	88.5A
Compressor RLA	43.3A + 43.3A	20.7A + 20.7A	21.4A + 21.4A	20.7A + 20.7A
Compressor LRA	315A + 315A	142A + 142A	147A + 147A	158A + 158A
Supply Fan FLA	26.7A	7.2A	9.4A	12.8A
Condenser Fan FLA	9.0A + 9.0A	3.5A + 3.5A	4.3A + 4.3A	4.3A + 4.3A
Condenser Fan Motor Power	2.95hp + 2.95hp	2.55hp + 2.55hp	3.69hp + 3.69hp	2.95hp + 2.95hp