

INVERTER

Air Handler Units						
Models			CTMI-24WN1-M18	CTMI-36WN1-M18	CTMI-48WN1-M18	CTMI-60WN1-M18
Electric Parameter	Power supply	V-Ph-Hz	208/230V-1Ph-60hz			
	Rated Current	A	0.8	1.45	2.19	
	Rated Input Power	W	250	370	560	
Indoor Motor	Type	-	ECM			
	Insulation class	-	E	B		
	Safe class	-	IP10			
	Output Horse Power	HP	1/3	1/2	3/4	
	Speed (Rated)	RPM	1,050			
Indoor Fan	Type	-	Centrifugal			
	Airflow (Rated)	CFM	800	1,120	1,560	1,750
Indoor coil	Number of rows	-	4		4	5
	Tube material	-	Copper			
	FPI	-	17			
	Number of circuits	-	8		12	14
	Fin type	-	Hydrophilic Aluminium			
Dimension & Weight	Unpacking(W×H×D)	mm	500×1180×550		560×1385×610	
		inch	19-5/8× 46-1/2× 21-5/8		22× 54-1/2×24	
	Packing (W×H×D)	mm	567×1197×644		627×1402×704	
		inch	22-5/16× 47-1/8× 25-3/8		24-11/16× 55-3/16× 27-11/16	
	Net/Gross weight	kg	54/60	57/63	73.5/85.5	77/85
		lb	119/132	125/139	162/180	170/188
Conection Information	Liquid Line Size	inch	3/8	3/8	3/8	
	Vapor Line Size	inch	3/4	3/4	7/8	
Design Information	Design Pressure	psig	550/250	550/250	550/250	
	Operation temp	°C	17~30	17~30	17~30	
		°F	62.6~86	62.6~86	62.6~86	
Operation Information	Controller	-	Wired Control			
	Throttle Type	-	TXV			
	Refrigrant Type	-	R410A			
	Operation Static Pressure (Min.~Max.)	in.wg	0.18	0.23	0.28	
	Sound Pressure Level (Rated)	dB(A)	53/47/44	54/49/46	55/52/49	56/54/51
Drainage water pipe diameter		inch	3/4 FPT			

Notes: All dimensions and data could change without notice. See AHRI.net for Certifications

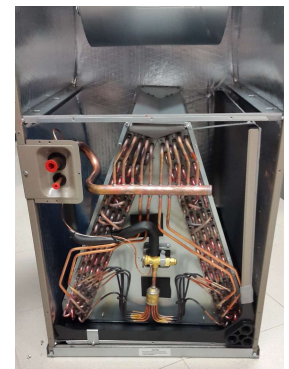
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Control de temperatura constante y agradable.

(Válvula de expansión TXV).

La válvula de expansión viene de fábrica en la unidad interior.

La válvula no debe reubicarse.



Diseño flexible de la salida de drenaje con dos opciones disponibles.



Bandejas de drenaje para instalación horizontal o vertical.



24 Voltios

Control de seguridad de bajo voltaje

Compatible con cualquier termostato de 24V de cualquier marca, incluidos los "wi-fi" y los programables.

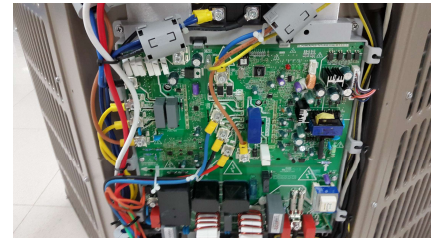
El control de capacidad se realiza automáticamente gracias a la monitorización de la presión de evaporación simple, directa y precisa.

INVERTER

Condensing Units						
Models			CTMI24CDN1-M18M	CTMI36CDN1-M18M	CTMI48CDN1-M18M	CTMI60CDN1-M18M
Capacity	Nominal Cooling	Btu/h	24,000	36,000	48,000	60,000
Compressor	Type		Rotary			
	Brand		Mitsubishi			
	Thermal protector		Yes			
	Oil Charge	ml	870			1,400
Electric Parameter	Power supply	V-Ph-Hz	208/230V 1Ph~60Hz			
	MCA	A	24.8			38.8
	MOP	A	40			60
	Rated Current	A	18.1			26.7
Outdoor Motor	Type		PSC			ECM
	Insulation class		B			
	Safe class		IP44			
	Output Horse Power	HP	1/6			1/3
	Speed (Rated)	RPM	825			1,050
Outdoor Fan	Type		Axial flow fan			
	Airflow (Rated)	CFM	3,100			4,100
Operation Data	Refrigerant Factory Charged	g	3,320			4,720
		lb-oz	7 lb - 9 oz			10 lb - 10 oz
	Sound Pressure Level (Rated)	dB(A)	64			67
Conection Information	Liquid Valve Size	inch	3/8"			
	Vapor Valve Size	inch	0.75	0.75		0.875
	Liquid Line Size	inch	0.375	0.375		0.375
	Vapor Line Size	inch	0.75	0.75		0.875
	Max. Line Length	ft	100			
	Min. Vertical Separation (Outdoor Unit above Indoor coil)	ft	50			
	Max. Vertical Separation (Outdoor Unit Below Indoor coil)	ft	50			
Dimension & Weight	Unpacking(W*H*D)	mm	740×633×740			
		inch	29-1/8"×24-15/16"×29-1/8"			
	Packing (W*H*D)	mm	768×667×768			
		inch	30-1/4"×26-1/4"×30-1/4"			
	Net/Gross weight	kg	68/72			85/89
		Lbs	150/159			187/196
	Shipping per STD 40'HQ	Piece	180			135

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Adopta un compresor DC Inverter y un motor de ventilador de alta eficiencia Alta estabilidad, a través de un sensor de alta presión al sistema de control. Control preciso de la válvula de expansión térmica debido al sobrecalentamiento



3D: Motor DC sin escobillas para unidad interior y exterior, compresor DC "Inverter", eficiencia ultra alta.



Sistema de deshumidificación integrado (perfecto para climas tropicales húmedos).

Sistema de retorno de aceite inteligente.

Refrigerante ecológico R410A que no daña la capa de ozono.

Nivel de ruido bajo, debido a la insolación interna.

Encendido automático y Diseño ultra compacto.

Turbinas de metal.

