

SUBMITTAL CIC-18M2Z

18,000 Btu/h Cool Only

Job Name	Location		
Purchaser	Engineer		
Submitted to	Reference <input type="checkbox"/>	Approval	Construction <input type="checkbox"/>
Unit Designation	Schedule #		

Specifications	
General	
Nom Cooling Capacity (Btu/h)	18,000
SEER	13.0
Condensate Removal (Pints/hr)	4.2 pt/hr
Refrigerant Type	R41 0A
Power Voltage	208/230V-1 Ph-60Hz
Breaker Size	20A
RLA Cooling/Heating (Amps)	6.8A
Controls	Wireless
Indoor Unit	
CIC-18M2Z	
Airflow-H-M-L Speed (CFM)	675 - 635 - 600
Fan Speeds	High-Med-Low
Noise Level H - M - L (Db)	50 - 47 - 44
Width (Inches)	42 1/2"
Height (Inches)	13"
Total Depth (Inches)	8 7/8"
Weight (lbs)	37.4lbs
Condensate Connection Ø	5/8" OD
Outdoor Unit	
COC-18M2Z	
Outdoor Noise Level (Db)	58
Width (Inches)	33 1/4"
Height (Inches)	23 3/8"
Total Depth (Inches)	13 1/8"
Weight (lbs)	116.6lbs
Line Sets	
Size	1/4" & 1/2"
Max Line Set Length inc	50ft
Max Vertical Separation of	26ft
Charged with R41 0A for	25ft
Standard R41 0A charge	73.5oz
Addl R41 0A charge required	0.3oz/ft
Certifications	
Safety	ETL & ETLc
Warranty	
	5 Years Compressor
	2 Year Parts
Options	
	25 or 50ft Line Sets
	Condensate Pumps
	Low Ambient



Construction

Indoor Unit shall be made from UL94 V0 HIPS
The Outdoor unit shall be galvanized steel with a baked on powder coated finish for durability

Heat Exchangers

The heat exchangers shall be mechanically bonded fin to copper tube. Fins shall have a hydrophilic coating

Refrigerant System

Compressors shall be a hermetically sealed Rotary type, with an external overload protector
Refrigerant shall be R410A.
Refrigerant flow shall be controlled by Capillary tube

Indoor Fan

The indoor unit fan shall be statically and dynamically balanced. An auto swing louver with dual blades shall direct airflow
The outdoor unit fan shall be a propeller type

Controls

The unit shall be operated via a wireless remote
Temperature setting range 63 DegF to 86 DegF
Control signal shall be a 0-5V AC signal
Indoor unit power supply is 208/230V AC
Wiring between Indoor & Outdoor shall be 14AWG
Unit operating range shall be
Cooling 65 DegF to 115 DegF Outdoor ambient
Cooling in ambients below 65 DegF is possible using the low ambient option

Air Filtration

Dual washable Air Filters shall be accessed via the hinged front panel