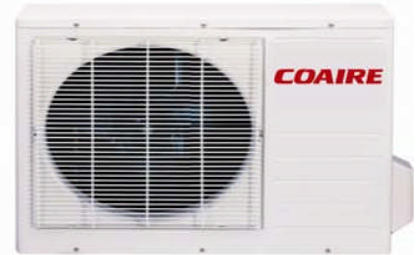


SUBMITTAL CIH-24M2Z

24,000 Btu/h Heat Pump

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

Specifications	
General	
Nom Cooling Capacity (Btu/h)	24,000
SEER	13.0
Condensate Removal (Pints/hr)	5.3 pt/hr
Nom Heating Capacity (Btu/h)	24,000
HSPF	7.7
Refrigerant Type	R41 0A
Power Voltage	208/230V-1 Ph-60Hz
Breaker Size	20A
RLA Cooling/Heating (Amps)	8.8A/7.7A
Controls	Wireless
Indoor Unit	
CIH-24M2Z	
Airflow-H-M-L Speed (CFM)	800 - 700 - 640
Fan Speeds	High-Med-Low
Noise Level H - M - L (Db)	52 - 48 - 45
Width (Inches)	49 1/4"
Height (Inches)	12 3/4"
Total Depth (Inches)	9"
Weight (lbs)	39.6lbs
Condensate Connection Ø	5/8" OD
Outdoor Unit	
COH-24M2Z	
Outdoor Noise Level (Db)	59
Width (Inches)	35 1/4"
Height (Inches)	33 7/8"
Total Depth (Inches)	13"
Weight (lbs)	150.7lbs
Line Sets	
Size	3/8" & 5/8"
Max Line Set Length inc	65 ft
Max Vertical Separation of	33 ft
Charged with R41 0A for	25ft
Factory R410A Charge	92.4oz
Addl R41 0A charge required	0.7oz/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 R41 0A.
Refrigerant flow shall be controlled by Capillary tube
Reversing valve shall be energized in the heating mode

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
Heating, 14 DegF to 70 DegF Outdoor ambient

Air Filtration

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