

Multi zone inverter mini split

MODEL: MPD42KCH21S-O



Job Name:

Location:

Engineer Name:

File Resubmit

Contractor:

System No:

Approval Other

Date:

General Features

- High And Low Pressure Protection Features
- Load Protection Features
- Over-Current Protection
- Anti Freeze Protection



Unit Performance:

<i>Cooling:</i>	
Capacity (Min-Rated-Max, Btu/h)	8,871-39,000-40,944
SEER	21
EER (Btu/h)/w	10,42
<i>Heating:</i>	
Capacity (Min-Rated-Max, Btu/h)	8,871-45,000-46,062
HSPF	10,2
COP (W/W)	3,61

Piping

Refrigerant Charge (lbs)	8
Liquid Line (in)	1/4) x 5
Gas Line (in)	3/8) x 5
Max Total Piping (ft)	246
Max ODU to IDU Piping (ft)	82
Total Piping Length (no add'l refrigerant, ft)	131
Max Elevation between ODU and IDU (ft)	49,2
Max Elevation between IDU and IDU (ft)	24,6

Operating Range:

Cooling (°F WB)	0~118
Heating (°F DB)	-5~86

Unit Specification

Refrigerant Type	R410A
Refrigerant Control	EEV
Sound Pressure (dB(A))	61
Net Weight (lbs)	198,4
Min. Number IDU	2
Max. Number IDU	5
Dehumidification (Pint/h)	N/A
Heat Exchanger Coating	BlueFin™

Electrical Specification

Power Supply	208-230V / 60Hz
Communications Wire Size	AWG 14/4
MOP (A)	40
MCA (A)	25
Cooling Amps Input (A)	16,5
Heating Amps Input (A)	16
Compressor RLA (A)	17,8
Fan Motor FLA (A)	0,82
Nominal Cooling Power Input (kW)	3,74
Nominal Heating Power Input (kW)	3,65

Compressor:

Quantity	1
Type	Inverter Rotary
Oil/Type	RB68EP

Fan

Type	Axial-flow
Quantity	1
Motor/Drive	AC Constant Speed/Direct drive
Max Air Flow Rate (CFM)	4531

AHRI Certification Ref #

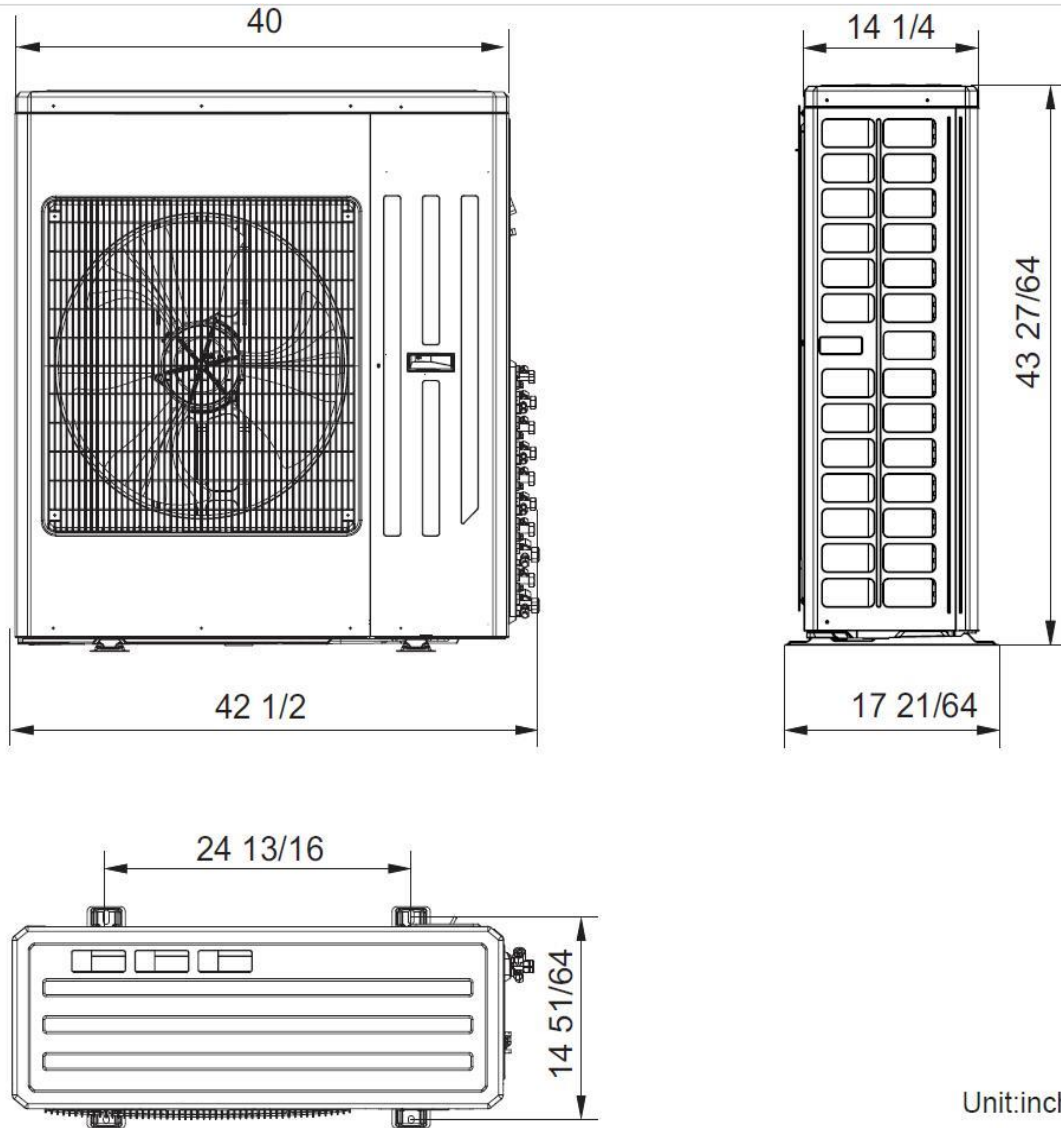


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Outline Dimension Diagram



GLOSSARY

SEER - Seasonal Energy Efficiency Ratio

EER - Energy Efficiency Ratio

HSPF - Heating Seasonal Performance Factor

MOP - Maximum Overcurrent Protection

MCA - Minimum Circuit Ampacity



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