

Multi zone inverter mini split

MODEL: MMD56KCH16S-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)	3,412-52,900-61,416
SEER	16
EER (Btu/h)/w	9,45
<i>Heating:</i>	
Capacity (Min-Rated-Max, Btu/h)	4,094-61,400-63,122
HSPF	8,2
COP (W/W)	3,46

Piping

Refrigerant Charge (lbs)	10,9
Liquid Line	3/8) x 5
Gas Line (in)	5/8) x 5
Max Total Piping (ft)	475,7
Max ODU to IDU Piping (ft)	229,6
Total Piping Length (no add'l refrigerant, ft)	98
Max Elevation between ODU and IDU (ft)	98,4
Max Elevation between IDU and IDU (ft)	49,2

Operating Range:

Cooling (°F WB)	5~118.4 F
Heating (°F DB)	-5~75

Unit Specification

Refrigerant Type	R410A
Refrigerant Control	EEV
Sound Pressure (dB(A))	57
Net Weight (lbs)	255,2
Min. Number IDU	2
Max. Number IDU	9
Dehumidification (Pint/h)	N/A
Heat Exchanger Coating	BlueFin™

Electrical Specification

Power Supply	208-230V / 60Hz
Communications Wire Size	AWG 14/4
MOP (A)	28
MCA (A)	30
Cooling Rated Amps (A)	24
Heating Rated Amps (A)	23
Compressor RLA (A)	23
Fan Motor FLA (A)	1
Nominal Cooling Power Input (kW)	5,6
Nominal Heating Power Input (kW)	5,2

Compressor:

Quantity	1
Type	Inverter Rotary
Oil/Type	RB68EP

Fan

Type	Axial-flow
Quantity	2
Motor/Drive	DC motor/built-in driver
Max Air Flow Rate (CFM)	4119

AHRI Certification Ref #	8946569
--------------------------	---------

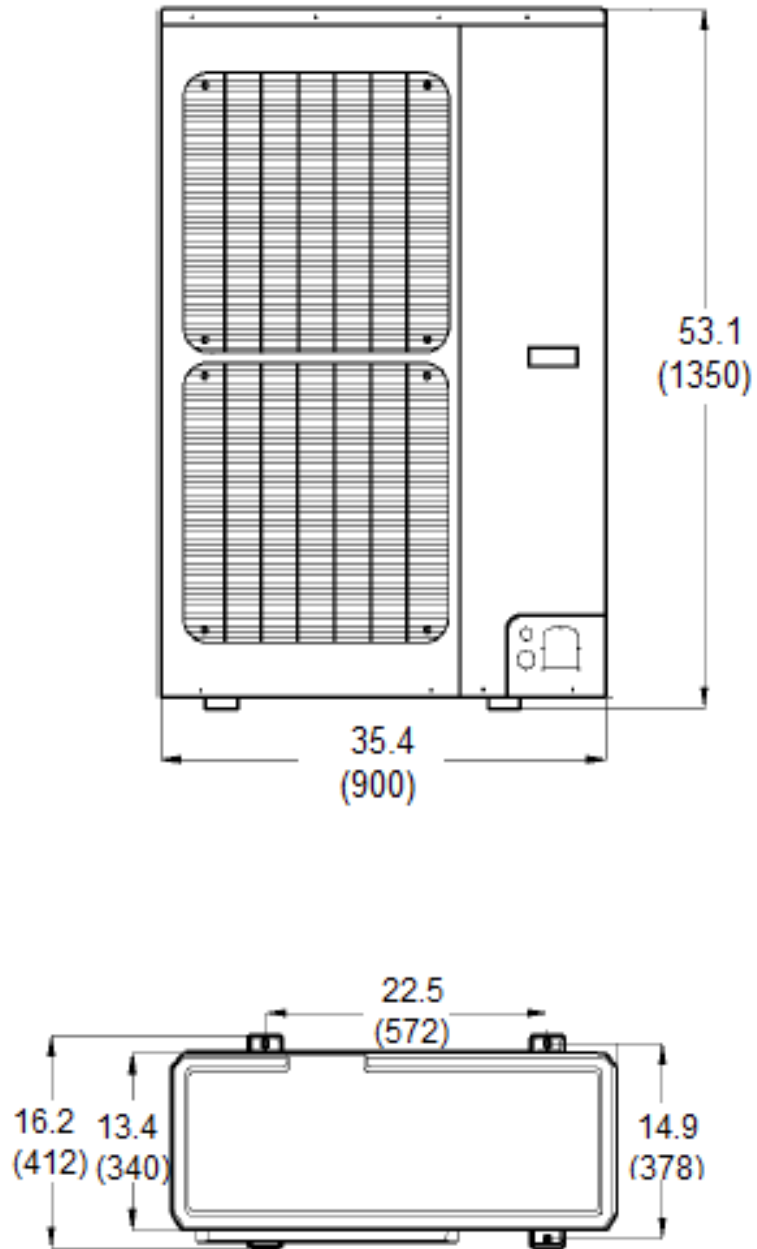


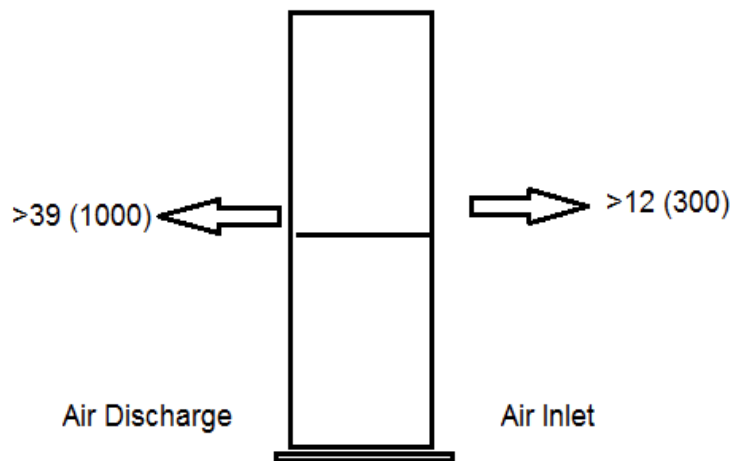
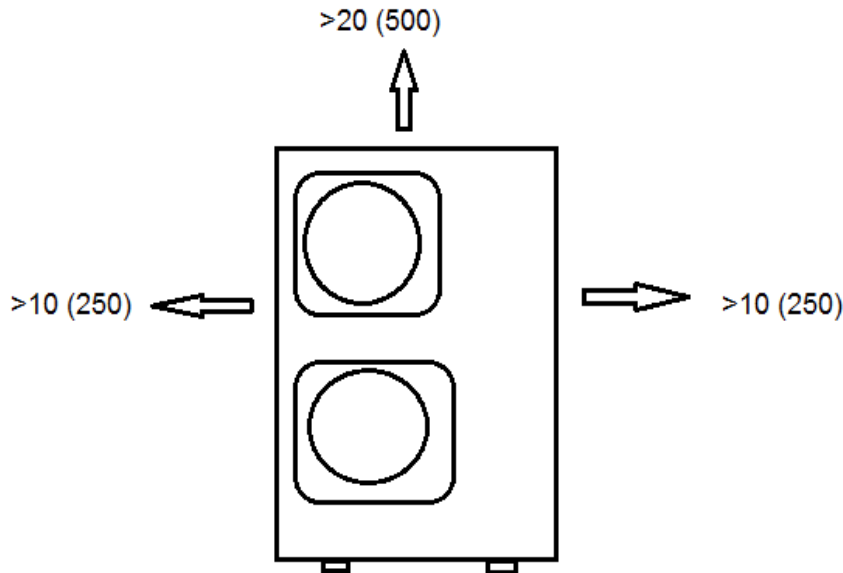
Multi zone inverter mini split

MODEL: MMD56KCH16S-O



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



5965 Chemin de la Côte de Liesse
Saint laurent, QC, Canada, H4T 1C3

Contact: +1 438 792 1956

info@willishvac.com

www.willishvac.com