

Single zone inverter mini split

MODEL: ELD09KCO15S

WILLIS

Job Name: _____

Location: _____

Engineer Name: _____

File Resubmit

Contractor: _____

System No: _____

Approval Other

Date: _____

General Features

- * Smart 1 Hertz Inverter Techn
- * Low Voltage Start-up
- * Comfortable Sleep Mode
- * Multiple Fan Speeds
- * Dehumidify
- * Memory Function
- * Fan Delay Function
- * Timer



Unit Performance:

<i>Cooling:</i>	
Capacity (Min-Rated-Max, Btu/h)	4,999-9,000-11,300
SEER	15
EER	9,47
<i>Heating:</i>	
Capacity (Min-Rated-Max, Btu/h)	N/A
HSPF	N/A
COP (W/W)	N/A

Unit Specification

Refrigerant Type	R410A
Refrigerant Charge (oz)	26,1
ODU Sound Pressure (dB(A))	52
IDU Sound Pressure (dB(A))	43/40/37/34
ODU Net Weight (lbs)	60,6
IDU Net Weight (lbs)	19,8
Dehumidifying (Pint/h)	1,69

Fan

ODU / IDU Type	Axial-flow/Cross-flow
Quantity (ODU + IDU)	1+1
Motor/Drive	Direct Drive
ODU Max Air Flow Rate (CFM)	2720
IDU Air Flow Rate (CFM)	306/277/253/218

Compressor

Cooling Operation Ambient temp. Range	64 ~ 109 °F
Heating Operation Ambient temp. Range	N/A
Compressor Type	Rotary
Fan Motor Output (W)	21
Crankcase Heater	No

Electrical Specification

Power Supply	208-230V / 60Hz
Communications Wire Size	/
MOP (A)	15
MCA (A)	10
Cooling Rated Amps (A)	9
Heating Rated Amps (A)	N/A
Compressor RLA (A)	7,3
Indoor Fan Motor RLA (A)	0,2
Outdoor Fan Motor RLA (A)	0,25
Nominal Cooling Power Input (kW)	0,95
Nominal Heating Power Input (kW)	N/A

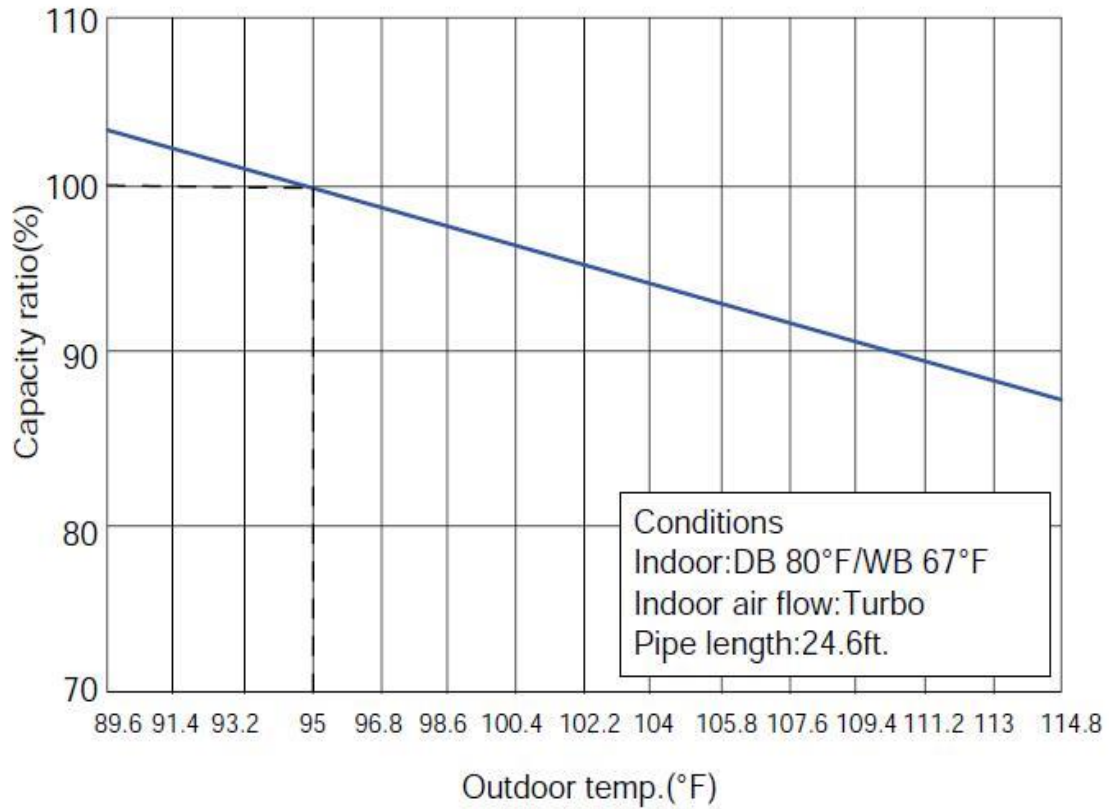
Piping

Liquid Line (in, OD)	1/4
Gas Line (in, OD)	3/8
Additional Refrigerant (oz./ft.)	0.2
Max Pipe Length (ft.)	49.2
Piping Length (no add'l refrigerant, ft.)	24.6
Max Elevation (ft.)	32.8



Capacity Variation Ratio According to Temperature

Cooling

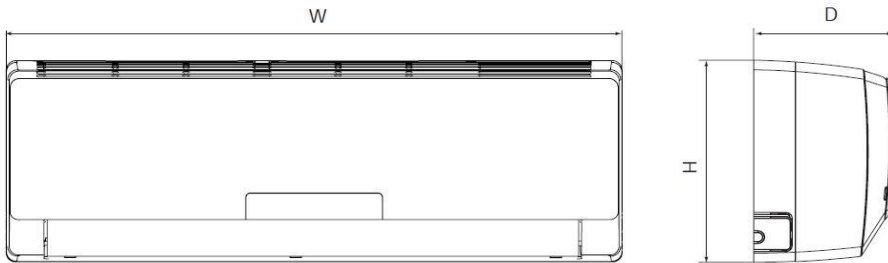


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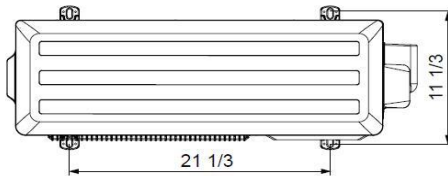
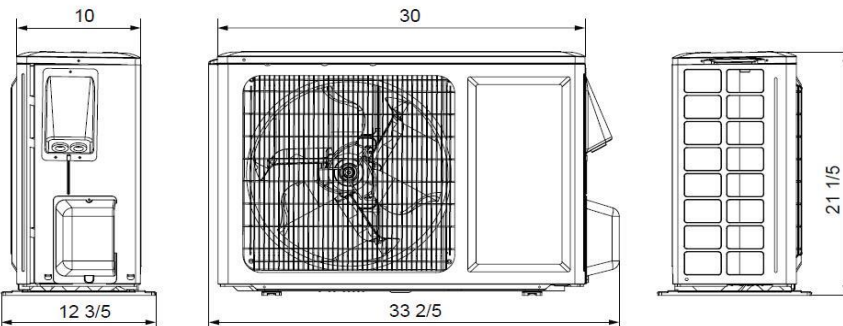
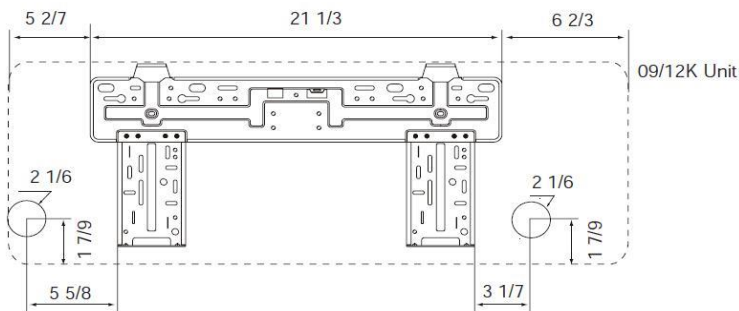
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Outline Dimension Diagram



Unit: Inch	
W:	33 2/7
H:	10 4/5
D:	7



Unit: inch

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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