

Single zone inverter mini split

MODEL: WAM18MH21S



Job Name:

Engineer Name:

System No:

- File Resubmit
- Approval Other

Location:

Contractor:

Date:

General Features

- Smart 1 Hertz Inverter Technology
- Low Ambient Cooling to 5 °F
- 7 Fan Speeds - from Mute to Turbo
- Technology 4-Way Airflow Operation
- Extended Airflow (9k & 12k sizes)
- Waterfall Heating Airflow
- Photocatalytic Filter
- Dry Anti-mildew Design
- LED Display
- Gold Fin Condenser
- Low Voltage Start-up
- Intelligent Pre-heating / Defrost
- 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)	4,600-18,000-22,180
<i>Heating:</i>	
Capacity (Min-Rated-Max, Btu/h)	3,412-19,000-23,202

Electrical Specification

Power Supply	208-230V / 60Hz
Communications Wire Size	AWG 14
Indoor Fan Motor RLA (A)	0.1

Unit Specification

Refrigerant Type	R410A
Refrigerant Charge (oz)	56.4
IDU Sound Pressure (dB(A))	33/51
IDU Net Weight (lbs)	31
Dehumidifying (Pint/h)	3.8

Piping

Liquid Line (in, OD)	1/4
Gas Line (in, OD)	5/8
Additional Refrigerant (oz./ft.)	0.5
Max Pipe Length (ft.)	82
Piping Length (no add'l refrigerant, ft.)	24.6
Max Elevation (ft.)	32.8

Fan

IDU Type	Cross-flow
Quantity (IDU)	1
Motor/Drive	Direct Drive
IDU Air Flow Rate (CFM)	282/559

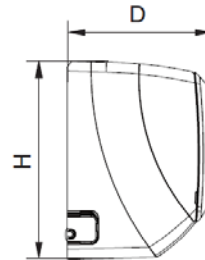
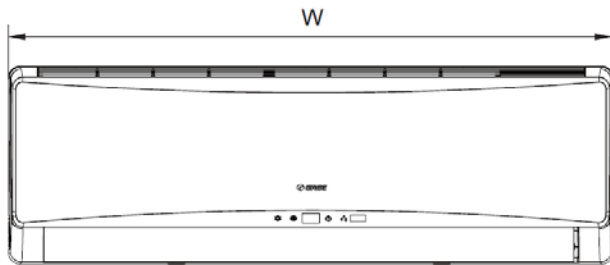


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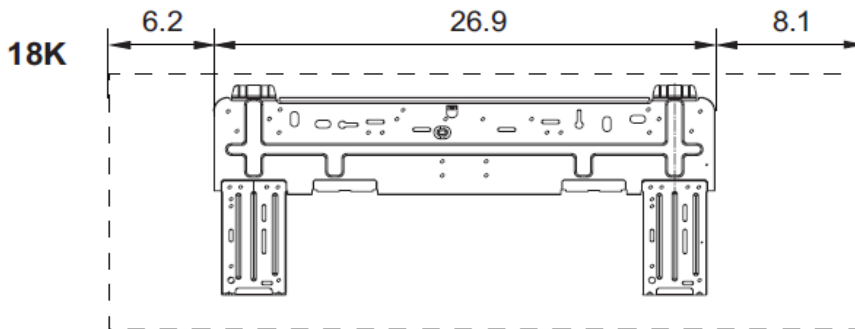
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Outline Dimension Diagram



W	H	D
41.2	13.6	9.2



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@willisac.com

www.willisac.com