



Innovative Ductless Mini Split Solution

Submittal Data: UMAT30HP230V1AF

30,000 BTUH Floor/Ceiling Heat Pump System

Job Name	Location	Date
Purchaser	Engineer	
Submitted To	For	☐ Reference ☐ Approval ☐ Construction
Unit Designation	Schedule No.	

GENERAL FEATURES

- Multi-Speed Fan
- 4-way Discharge Air
- Swing Louvers
- Wireless Remote Controllers
- Power Failure Recovery
- Wall or Ceiling Mount
- 5 yr. Limited Parts Warranty
- 7 year Limited Compressor Warranty



AHRI Certified Ref No: 7630985

System Ratings

Cooling

Rated Capacity	28,200 BTU/H
Capacity Range	8,800-31,400 BTU/H
Power Input (Max)	3,700 W
SEER	17.0
EER	10.4

Heating at 47° F

Rated Capacity	31,200 BTU/H
Capacity Range	8,200-33,600 BTU/H
Power Input (Max)	3,500 W
HSPF	9.0
COP	3.5

Heating at 17° F

Rated Capacity	18,000 BTU/H
----------------	--------------

Operating Range

Cooling	(Max)	118°F (48 C)
	(Min)	0°F (-18 C)
Heating	(Max)	75°F (24 C)
	(Min)	0°F (-18 C)

Refrigerant Piping Data

Gas Pipe Size (OD)	5/8-in
Liquid Pipe Size (OD)	3/8-in
Connection Method	Flared
Factory Charge	84.8 oz
Additional Charge	0.6 oz/ft
Pre-Charge Length	25-ft
MAX Refrigerant Pipe Length	98-ft
MIN Refrigerant Pipe Length	10-ft
MAX Refrigerant Pipe Elevation	49-ft

Indoor Unit Data

Fan Motor	Output Power	1/5HP
	FLA	1.4 A
Airflow		
Cooling	Wet (Lo/Hi)	620/880 CFM
Heating	Dry (Lo/Hi)	620/880 CFM
Sound Pressure Level		
Cooling	(Min/Max)	38/46 db(A)
Heating	(Min/Max)	38/46 db(A)
Dehumidification		1.23 pt/hr
Power Supply		
Normal Operational Voltage	208/230 V, 1 Phase, 60 Hz	
Voltage Range	187 - 253 V	
Interconnecting Cable Wire Size	18-2 AWG	
MCA	2.0A	
MOCP/Breaker Size	15A	

Outdoor Unit Data

Compressor	DC Inverter Driven Rotary
RLA	18.0 A
Refrigerant Type	R410A
Fan Motor	Output Power
	1/6HP
	FLA
	1.5 A
Sound Pressure	
Cooling/Heating	58/58 db(A)
Power Supply	
Normal Operational Voltage	208/230 V, 1 Phase, 60 Hz
Voltage Range	187 - 253 V
MCA	24.0A
MOCP/Breaker Size	40 A



SYSTEM FEATURES

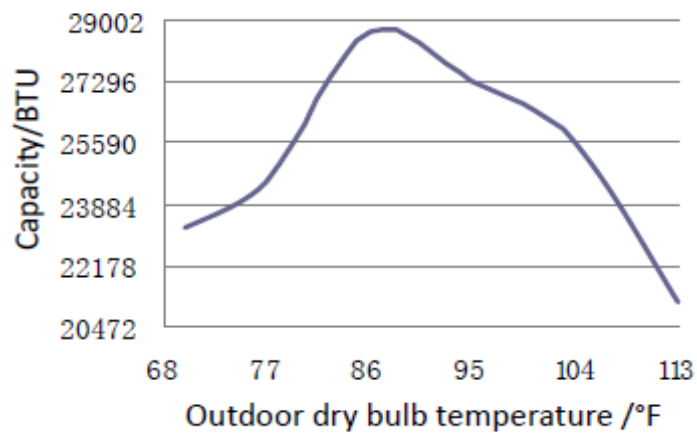
Inverter Type	G10
Ultra Low Frequency Torque Control	Yes
Power Factor Correction	Yes
Compressor Type	Rotary
Refrigerant Type	R410A
Basepan With Electric Heater	YES
Compressor With Electric Heater	NO
Outdoor & Indoor Fin Coating	Acrylic Resin/Anti-Corrosion
Intelligent Defrosting	YES
Intelligent Preheating	YES
Low Voltage Startup	YES
Memory/Power Failure Recovery	YES
Self Diagnosis	YES
Low Ambient Cooling	YES
Internal Condensate Pump	YES
XK-60 Wired Controller Interface	YES
Wi-Fi Interface	NO
Indoor Fan Type	Crossflow
Multi Fan Speeds	7 Speeds
LED Display Indoor Unit	YES
Advance Filter	Optional
Auxiliary Electrical Heater	NO
Ventilation (Outdoor Air)	NO

REMOTE CONTROLLER FUNCTIONS

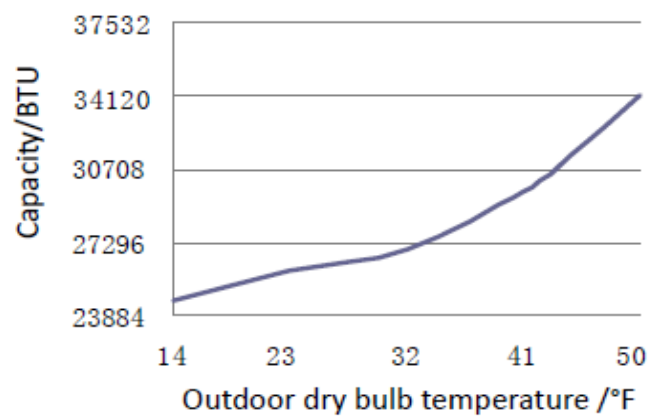
Auto Mode	YES
Auto Fan	YES
Auto Swing (Horizontal Auto Swing)	YES
Auto Swing (Vertical Auto Swing)	YES
Clock on Remote Controller	YES
Dry Mode	YES
Dry Anti-Mildew (X-Fan) Mode	YES
Energy Saving Mode	NO
Dirty Filter Alert	NO
I Feel Function	YES
Lock on Remote Controller	YES
Quiet Mode	YES
Room Temperature Display	NO
Sleep Mode	YES
4 Sleep Modes Options	YES
Timer Mode	YES
Turbo Mode	YES
Display On/Off Control	YES
Freeze Guard Mode	YES

EXTENDED RATINGS

COOLING PERFORMANCE



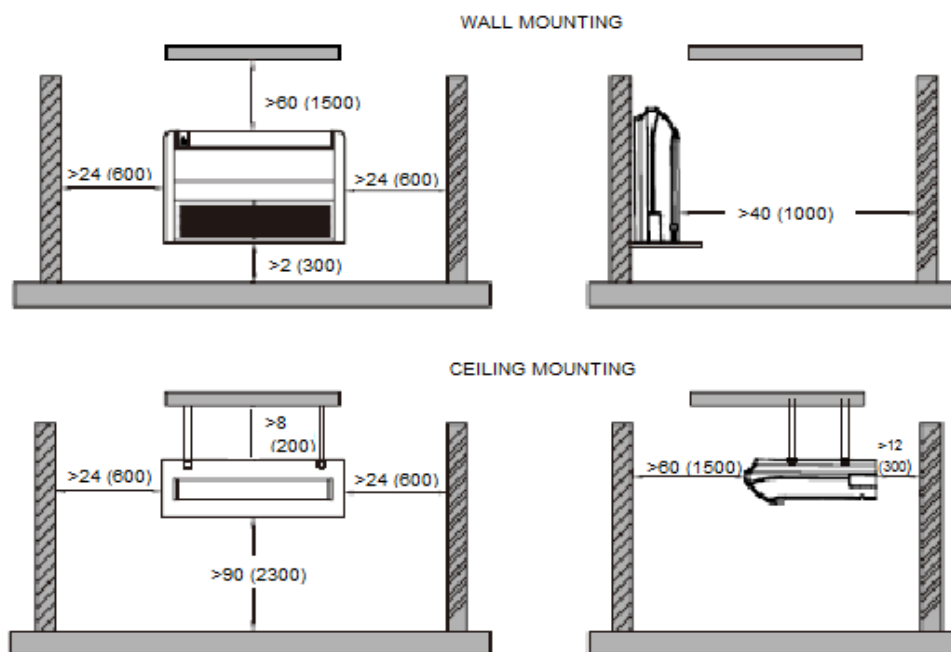
HEATING PERFORMANCE



MINIMUM SPACING REQUIREMENTS

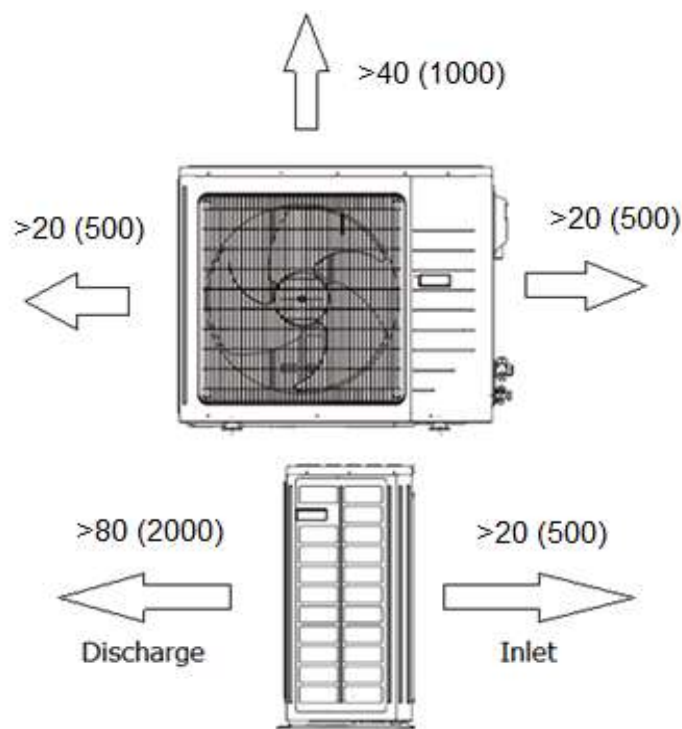
Units: inch (mm)

INDOOR



Units: inch (mm)

OUTDOOR

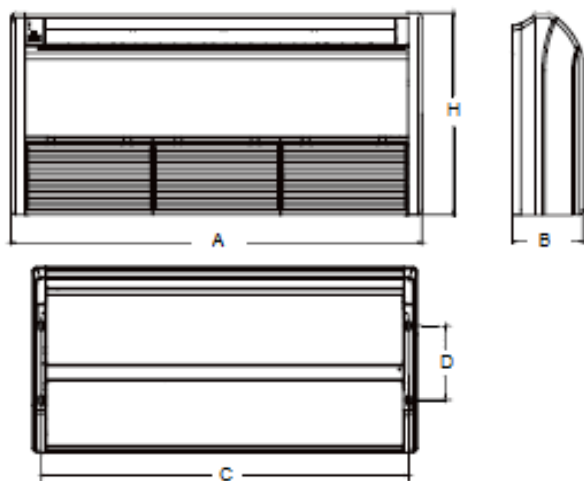


DIMENSIONAL SPECIFICATIONS

UMAT30HP230V1AF

INDOOR UNIT DIMENSIONS & WEIGHTS

Units: inch (mm)



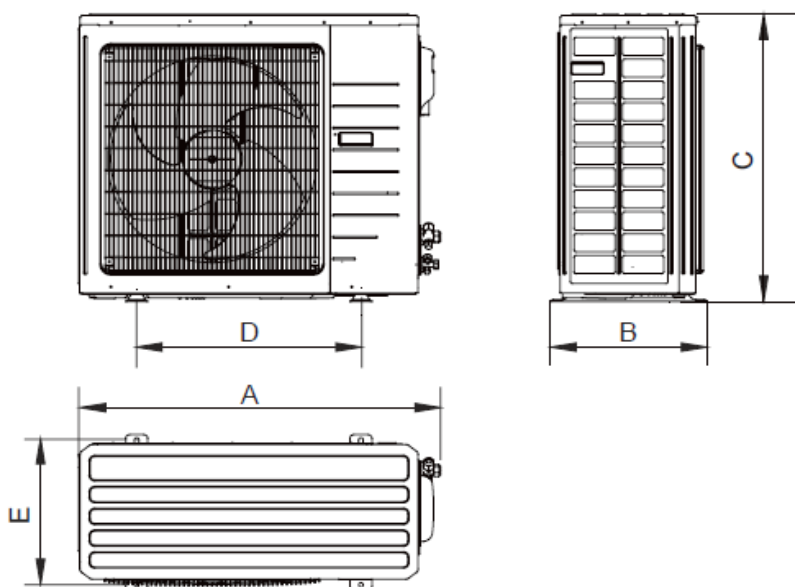
A	55.875	(1420)
B	9.625	(245)
C	53.25	(1354)
D	11	(280)
H	27.5	(700)

Net Weight	105.6 lbs
Shipping Weight	123.2 lbs

Liquid Line Valve	3/8-in OD Flared
Gas Line Valve	5/8-in OD Flared
Drain Connector	11/16 in OD

OUTDOOR UNIT DIMENSIONS & WEIGHTS

Units: inch (mm)



A	38.625	(980)
B	16.75	(427)
C	31.125	(790)
D	24.0	(610)
E	15.5	(395)

Net Weight	158.4 lbs
Shipping Weight	169.4 lbs

Liquid Line Valve	3/8-in OD Flared
Gas Line Valve	5/8-in OD Flared

Notes:

1. Recommended Communication Cable Type 18-2 AWG Stranded Copper THHN 600V Wire
2. Power wiring cable size must comply with applicable national and local codes.
3. Test conditions are based on AHRI 210/240.

Specifications are subject to change without notice. Manufacturer reserves the right to discontinue or modify specifications or designs without notice or without incurring obligations. All rights reserved.