



Submittal Data: UMAT36HP230V1AF 36,000 BTUH Floor/Ceiling Heat Pump System

Job Name	Location	Date
Purchaser	Engineer	
Submitted To	For	<input type="checkbox"/> Reference <input type="checkbox"/> Approval <input type="checkbox"/> 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



System Ratings

Indoor Unit Data

Cooling		
Rated Capacity		34,000 BTU/H
Capacity Range		10,800-39,000 BTU/H
Power Input (Max)		4,600 W
SEER		16.0
EER		10.4
Heating at 47° F		
Rated Capacity		41,000 BTU/H
Capacity Range		9,800-49,500 BTU/H
Power Input (Max)		4,800 W
HSPF		9.0
COP		3.2
Heating at 17° F		
Rated Capacity		23,400 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		123.2 oz
Additional Charge		0.6 oz/ft
Pre-Charge Length		25-ft
MAX Refrigerant Pipe Length		164-ft
MIN Refrigerant Pipe Length		10-ft
MAX Refrigerant Pipe Elevation		49-ft

Fan Motor	Output Power	1/5HP
	FLA	1.4 A
Airflow		
Cooling	Wet (Lo/Hi)	800/1115 CFM
Heating	Dry (Lo/Hi)	800/1115 CFM
Sound Pressure Level		
Cooling	(Min/Max)	46/53 db(A)
Heating	(Min/Max)	46/53 db(A)
Dehumidification		
		1.51 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	21.2 A
Refrigerant Type		R410A
Fan Motor	Output Power	2/9HP
	FLA	2.0 A
Sound Pressure		
Cooling/Heating		63/63 db(A)
Power Supply		
Normal Operational Voltage		208/230 V, 1 Phase, 60 Hz
Voltage Range		187 - 253 V
MCA		29.0A
MOCP/Breaker Size		45 A



SYSTEM FEATURES

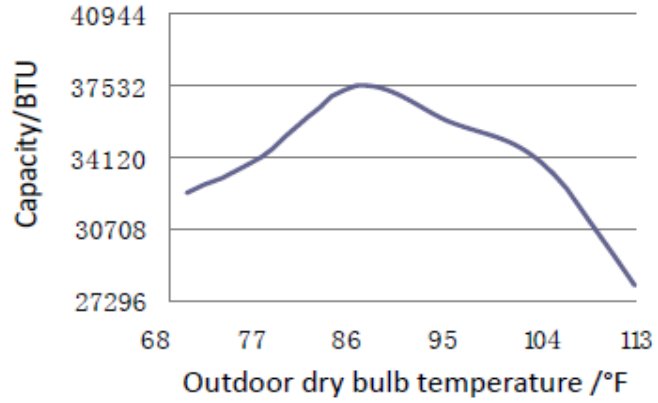
Inverter Type	G10
Ultra Low Frequency Torque Control	Yes
Power Factor Correction	Yes
Compressor Type	Rotary
Refrigerant Type	R410A
Basepan With Electric Heater	YES
Compressor With Electric Heater	NO
Outdoor & Indoor Fin Coating	Acrylic Resin/Anti-Corrosion
Intelligent Defrosting	YES
Intelligent Preheating	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

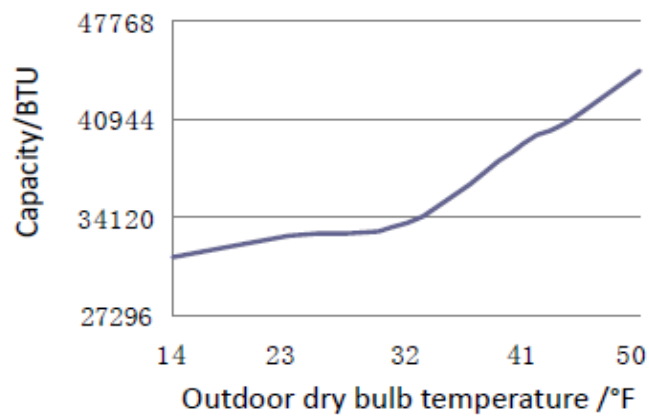
Auto Mode	YES
Auto Fan	YES
Auto Swing (Horizontal Auto Swing)	YES
Auto Swing (Vertical Auto Swing)	YES
Clock on Remote Controller	YES
Dry Mode	YES
Dry Anti-Mildew (X-Fan) Mode	YES
Energy Saving Mode	NO
Dirty Filter Alert	NO
I Feel Function	YES
Lock on Remote Controller	YES
Quiet Mode	YES
Room Temperature 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

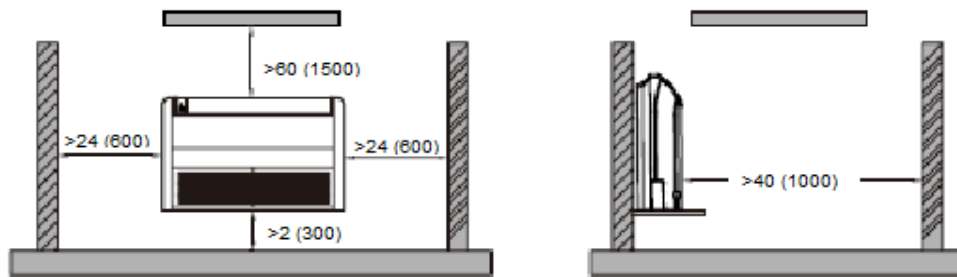


MINIMUM SPACING REQUIREMENTS

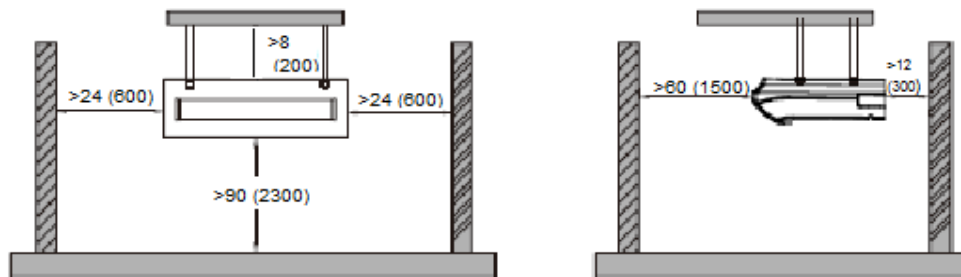
Units: inch (mm)

INDOOR

WALL MOUNTING

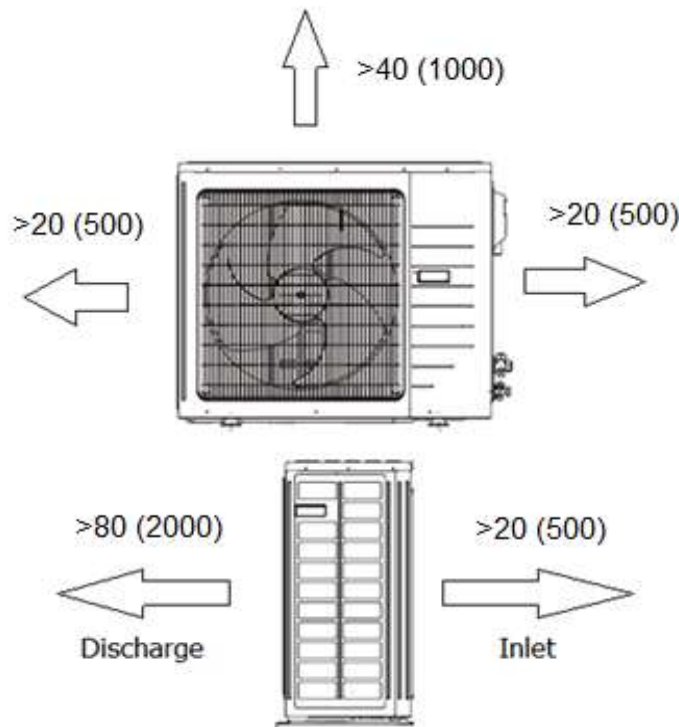


CEILING MOUNTING



Units: inch (mm)

OUTDOOR

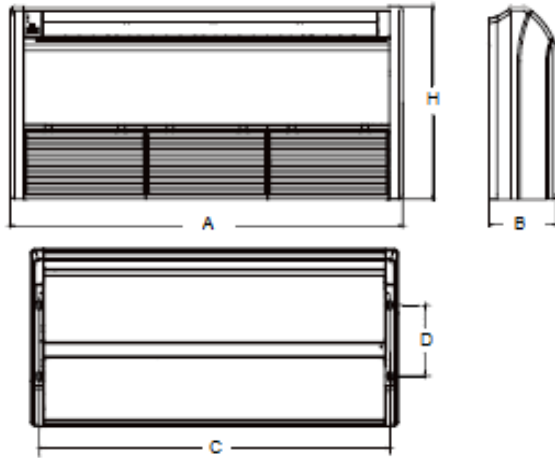


DIMENSIONAL SPECIFICATIONS

UMAT36HP230V1AF

INDOOR UNIT DIMENSIONS & WEIGHTS

Units: inch (mm)



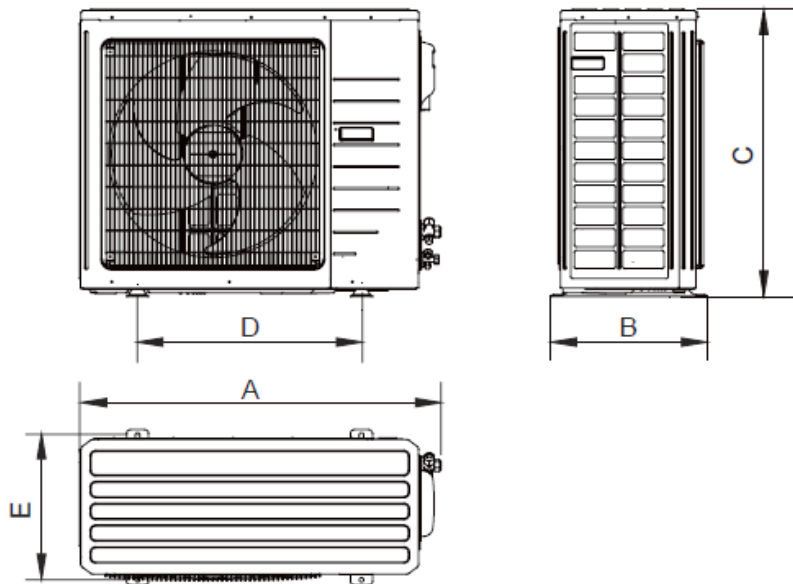
A	55.875	(1420)
B	9.625	(245)
C	53.25	(1354)
D	11	(280)
H	27.5	(700)

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	43.625	(1107)
B	17.375	(440)
C	43.25	(1100)
D	24.875	(631)
E	15.75	(400)

Net Weight	204.6 lbs
Shipping Weight	222.2 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.