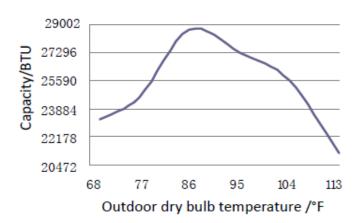




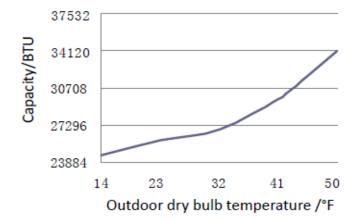
Change for	Innovative Ductless Mini Split Solution					
Submittal Dat	a: UMAT30HF	230V1AC	30,000 BTU	JH Ceiling (	Cassette Heat	Pump System
Job Name			Location		Date	
Purchaser			Engineer			
Submitted To			For $\square$	Reference	☐ Approval	☐ Construction
Unit Designation			Schedule I	No.		
GENERAL FEATURES					<b>A</b>	_
-Multi-Speed Fan					a.	
-4-way Discharge Air						
-Internal Condensate	Drain Pump				A STATE OF THE PARTY OF THE PAR	A AND Market
-Wireless Remote Cor	ntrollers			MASE NO		
-Power Failure Recov	ery				- "	
-Sentry Condensate C	Overflow Protection					
-Decorative Grille ( Par	rt# UMAT30GRILLE -So	old Separately)			Same Same	
-5 yr. Limited Parts Wa	•			ALIDI CO	rtified Ref No: 76	20084
-7 year Limited Compr						
	System Ratings				Indoor Unit Data	
Cooling			Fan Motor	Output Po	wer	1/5HP
Rated Capacity		28,200 BTU/H		FLA		0.9 A
Capacity Range		8,800-31,400 BTU/H	Airflow	. (1. (1.11)		
Power Input (Max)		3,700 W	Cooling We			587/880 CFN
SEER		20.0	Heating Dr			587/880 CFN
EER		10.4	Sound Press			40/40 -11-/4
Heating at 47° F		21 200 DTU/U	Cooling (Mi			40/49 db(A)
Rated Capacity		31,200 BTU/H	Heating (Mi			40/49 db(A)
Capacity Range		8,200-33,600 BTU/H	Dehumidicat		loiaht\	1.42 pt/h 39-ir
Power Input (Max) HSPF		3,500 W	Condensate		ieigni)	39-11
COP		9.0 3.7	Power Suppl	•	200	208/230 V, 1 Phase, 60 Hz
Heating at 17° F		3.7	Voltage Rar	erational Volta	iye	200/230 V, T Filase, 00 Hz 187 - 253 \
Rated Capacity		16,700 BTU/H	-	ige ting Cable W	iro Sizo	18-2 AWG
Rated Capacity		10,700 610/11	MCA	ung Cable W	lie Size	10-2 AWG
			MOCP/Brea	ıkar Siza		1.5 <i>F</i>
			WOCFIDIES		Outdoor Unit Dat	
Operating Range			Compressor		outdoor offit but	DC Inverter Driven Rotary
Cooling	(Max)	115°F (46 C)	Refrigerant 1	vne		R410A
	(Min)	0°F (-18 C)	Fan Motor	Output Pov	wer	1/6HF
Heating	(Max)	75°F (24 C)		FLA		1.5 <i>F</i>
3	(Min)	0°F (-18 C)	Sound Press	ure		
Refrigerant Piping Data	, ,	(/	Cooling/Hea			58/58 db(A
Gas Pipe Size (OD)		5/8-in		Ü		
Liquid Pipe Size (OD) 3/8-in		Power Suppl	у			
Connection Method Flared		1	erational Volta	ige	208/230 V, 1 Phase, 60 H	
MAX Refrigerant Pipe Length 98-ft		Voltage Rar	nge		187 - 253 \	
MIN Refrigerant Pipe Length 10-ft		MCA			24	
MAX Refrigerant Pipe Elevation 49-ft		MOCP/Brea	ıker Size		404	
YEAR	INVERTER	R4110/A	F	CERT WWW.ahrid	TFIED THE	(I)

## **EXTENDED RATINGS**

#### **COOLING PERFORMANCE**



### **HEATING PERFORMANCE**

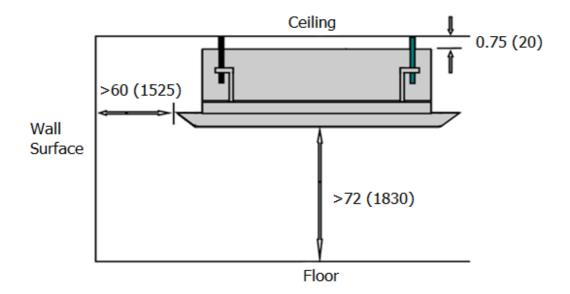




# MINIMUM SPACING REQUIREMENTS

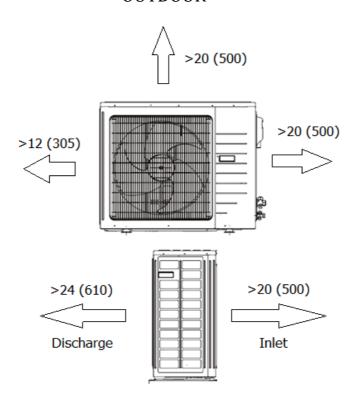
Units: inch (mm)

## **INDOOR**



Units: inch (mm)

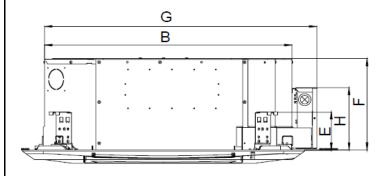
## **OUTDOOR**

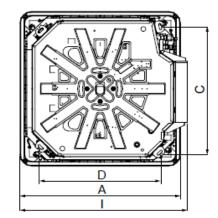




Units: inch (mm)

#### **INDOOR UNIT DIMENSIONS & WEIGHTS**



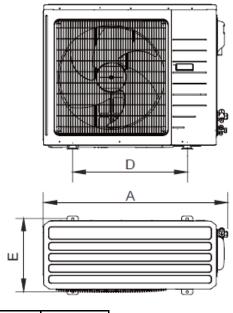


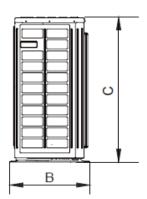
Α	В	С	D	Е	F	G	Н	1
37.375	32.75	30.75	26.75	6.25	9.5	36.125	8.5	39.125
(950)	(833)	(780)	(680)	(160)	(240)	(917)	(215)	(993)

Net Weight	71 lbs
Shipping Weight	97 lbs

Liquid Line Valve	3/8-in OD Flared
Gas Line Valve	5/8-in OD Flared
Drain Connector	1-in OD

### **OUTDOOR UNIT DIMENSIONS & WEIGHTS**





Α	38.625 (980)
В	16.75 (427)
С	31.125 (790)
D	24.0 (610)
Е	15.5 (395)

Units: inch (mm)

Net Weight	159 lbs
Shipping Weight	180 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.

