

Model No.		ATUCI/EM4H1S09	ATUCI/EM4H1S12
Type		T1, INVERTER	T1, INVERTER
Performance			
Cooling Capacity	Btu/h	9000	12000
Heating Capacity	Btu/h	9500	13000
Cooling Capacity Range	Btu/h	1200-10000	2500-13500
Heating Capacity Range	Btu/h	1200-10000	2500-14500
Power Input-Cooling	W	810	1200
Power Input-Heating	W	810	1200
SEER	Cooling	19.3	17.9
HSPF	Heating	10.5	9.35
EER for Cooling	Btu/W	11.11	10.00
COP for Heating	Btu/W	11.73	10.83
Moisture Removal	L/H.r	0.9	1.2
Air Circulation	m3/h	550	620
Refrigerant		R410A	R410A
Refrigerant charge volume	g	810	1000
Indoor Sound Pressure(H/M/L/silence)	dB (A)	39/36/33	40/36/33
Outdoor Sound pressure	dB (A)	53	54
Airflow Indoor Unit (S/H/M/L)	m3/h	680/580/480/380	700/645/596/469
Airflow Outdoor Unit (H)	m3/h	1600	1600
Voltage, Frequency, Phase	V	115V~,60Hz,1P	115V~,60Hz,1P
Current input	Cooling (A)	7.4	10.8
	Heating (A)	7.4	10.8
Current Range	Cooling (A)	2.0-12	2.5-15
	Heating (A)	2.0-12	2.5-15
System			
Compressor type		Rotary	Rotary
Compressor MFG		Hitachi	GMCC
Expansion Device		capillary	capillary
Compressor model #		ASD088RKQA6JT6	ASN108D32UFZ
Indoor DC motor		No	No
Indoor motor MFG		Weiling	Weiling
Indoor motor model #		DG13G1-17(E)	DG13G1-17(E)
Indoor motor power input	W	39	39
Indoor motor speed	S/H/M/L	1250/1100/950	1250/1100/950
Outdoor DC motor		YES	YES
Outdoor motor MFG		WOLONG	WOLONG

Outdoor motor model #		K1B310359	K1B310359
Outdoor motor power input	W	41	41
Outdoor motor speed	H/M/L	850/600/450	850/600/450
Evaporator			
Evaporator material		Copper tube and Aluminum Fin	
Number of rows		2	2
Tube outside dia.and type	mm	Φ7,innergroove tube	Φ7,innergroove tube
Evaporator length x height x width	mm	550x 294x27.2	620x294x27.2
Tube pitch(a)x row pitch(b)	mm	21x13.6	21x13.6
Fin spacing	mm	1.4	1.4
Condenser			
Condenser material		Copper tube and Aluminum Fin	
Number of rows		1.5	2
Tube outside dia.and type	mm	φ7 innergroove tube	φ7 innergroove tube
f.Condensor length x height x width	mm	(695+400) x462x36.4	695x462x36.4
Tube pitch(a)x row pitch(b)	mm	21x18.19	21x18.19
Fin spacing	mm	1.4	1.4
Connecting Pipe Diameter			
Liquid Pipe	inch	1/4	1/4
Gas Pipe	inch	3/8	3/8
Others			
Net Dimensions WxHxD	Indoor Unit mm	745x270x214	815x270x214
	Indoor Unit in	29 5/16x10 5/8x8 7/16	32 1/16x10 5/8x8 7/16
	Outdoor Unit mm	715x482x240	715x482x240
	Outdoor Unit in	28 1/8x19x9 7/16	28 1/8x19x9 7/16
Net Weight (Kg)	Indoor Unit	8.5	9.0
	Outdoor Unit	25	27.0
Packing Dimensions WxHxD	Indoor Unit mm	800x335x265	870x335x265
	Indoor Unit in	31 1/2x13 3/16x10 7/16	34 1/4x13 3/16x10 7/16
	Outdoor Unit mm	830x530x340	830x530x340
	Outdoor Unit in	32 11/16x20 7/8x13 3/8	32 11/16x20 7/8x13 3/8
Gross Weight (Kg)	Indoor Unit	10	11.0
	Outdoor Unit	27	30
Loading Capacity NO pipe(40'HC)		345	335
Test Standard		ARI 210-240	ARI 210-240

Approvals	ETL/AHRI	ETL/AHRI
Features		
LED Display on Front Panel	Yes	Yes
LED Dimmer	Yes	Yes
7 Indoor Fan Speed	Yes	Yes
LCD Wireless Remote Controller	Yes	Yes
"I feel" in remote controller	Yes	Yes
Back lighting remote controller	Yes	Yes
-15°C (5°F) Heating	Yes	Yes
Working Temperature Range - Cooling (°C/°F)	-15°C-46°C; (5°F-115°F)	-15°C-46°C; (5°F-115°F)
Working Temperature Range - Heating (°C/°F)	-20°C-24°C; (-4°F-75°F)	-20°C-24°C; (-4°F-75°F)
Remote Control Adjustable Temperature Range - Cooling	16 -30 ; (61 -86)	16 -30 ; (61 -86)
Remote Control Adjustable Temperature Range - Heating	16 -30 ; (61 -86)	16 -30 ; (61 -86)
8°C (46°F) Heating to avoid freezing water pipe in Kitchen	Yes	Yes
°C & °F convertible	Yes	Yes
2 Ways Draining Connection (Left or Right)	Yes	Yes
Compressor Intelligent Pre-heating	Yes	Yes
Smart Function	Yes	Yes
Super Function	Yes	Yes
Auto Restart	Yes	Yes
Auto Defrost	Yes	Yes
Auto Cleaning	Yes	Yes
Quiet Mode	Yes	Yes
24 Hours Timer	Yes	Yes
Removable and washable Panel	Yes	Yes
Louver Position Memory	Yes	Yes
Washable High Definition Filter	Yes	Yes
Horizontal Auto Swing Louver	Yes	Yes
Chassis Electric heater function	Yes	Yes
Healthy Filter(catechins,VC,HEPA,jasmine aroma filter)	Optional	Optional
Wired control	Optional	Optional

Above contents are subjected to changed according to the testing and improvements.