

SUBMITTAL DATA: KULA24HPJ1OA		24000 BTU/H Wall Mounted Heat Pump System
Job Name	Location	Date
Purchaser	Engineer	
Submitted To	For	
Unit Designation	Schedule No.	

KULA24HPJ1IA

KULA24HPJ1OA



GENERAL FEATURES

- High Efficiency DC Inverter Technology
- Compact and Quiet Design
- Auto-Clean Function on Indoor Unit
- Wireless Remote with LCD Display
- Wired Controller Options
- Wi-Fi Included (Factory Installed)
- Low Ambient Cooling down to -20°F (Range -20°F to 122°F)
- Low Ambient Heating down to -22°F (Range -22°F to 86°F)
- Coil (Indoor and Outdoor) Copper Tube / Aluminum Fin*
- *(Blue Fin) 500 Hrs Salt Spray Tested



SPECIFICATIONS

KULA24HPJ10A /KULA24HPJ11A

System Type

HEAT PUMP

SYSTEM PERFORMANCE

Cooling	Rated Capacity @ 95°F	Btu/h	22000
	Min-Max Capacity	Btu/h	3400 - 28500
	Rated Power Input (Min - Max)	W	100-1030
Heating	Rated Capacity @ 47°F	Btu/h	24000
	Rated Capacity @ 17°F	Btu/h	14900
	Min-Max Capacity	Btu/h	4300 - 33600
	Rated Power Input (Min - Max)	W	140-1650

SEER / EER	23 / 13
HSPF / COP	11 / 3.81
Energy Star®	YES
Cooling Temperature Range	°F -20 - 122
Heating Temperature Range	°F -22 - 86

INDOOR UNIT

KULA24HPJ11A

Fan Motor Output Power	W	60
Fan Motor FLA	amps	0.4
Air Flow (Min - Max)	CFM	400 - 824
Sound Pressure Level (Cooling / Heating)	dB(A)	35 - 53
Dehumidification	pt/hr	5.1
Condensate Drain Size (OD)	in	5 / 8
Unit Dimension (WxHxD)	in	42 5/8 X 13 1/8 X 9 3/4
Package Dimension (WxHxD)	in	44 7/16 X 16 X 12 3/4
Weight (Net / Gross)	lbs	35.3 / 42

OUTDOOR UNIT

KULA24HPJ10A

Compressor Type	G-10 / 1-Stage Inverter
Compressor RLA	amps 10.68
Fan Motor Output Power	W 90
Fan Motor RLA	amps 0.7
Sound Pressure Level (Cooling / Heating)	dB(A) 59
Unit Dimension (WxHxD)	in 39 1/2 X 31 1/8 X 16 7/8
Package Dimension (WxHxD)	in 42 5/8 X 33 1/8 X 19 1/8
Weight (Net / Gross)	lbs 124.6 / 135.6
Refrigerant Charge - R410A	oz 63.5
Coil Type	Aluminum Fin / Copper Tube

REFRIGERANT PIPING

Line Set Size (Liquid - Gas)	in	1/4 - 5/8
Pre-Charge Lengh	ft	25
Pipe Length (Min - Max)	ft	10 / 98
Max. Pipe Elevation	ft	66

ELECTRICAL

Power Supply (Voltage Operating Range)	208-230V / 1Ph / 60Hz
Rated Current (Cooling / Heating)	amps 7.5 / 14.5
MCA / MOCP	amps 16 / 25
Main Power Wire Size	AWG Size Per Local Code
Interconnecting Wire Size	AWG 14 / 4

EXTENDED RATINGS

KULA24HPJ10A /KULA24HPJ11A

COOLING PERFORMANCE						HEATING PERFORMANCE				
Outdoor Ambient Temperature (DB)		Return Air Temperature				Outdoor Ambient Temperature (DB)		Return Air Temperature		
		80°F (DB)						70°F (DB)		
		TC (Btu/h)	SHR	EER	Power Input (W)			TC (Btu/h)	COP	Power Input (W)
MAX OUTPUT	-20°F	9985	8089	5.22	1913	MAX OUTPUT	-22°F	12335	1.54	2354
	-15°F	10532	8896	5.32	1979		-20°F	13204	1.61	2402
	-10°F	11256	9102	5.43	2075		-15°F	14740	1.76	2451
	-5°F	12365	9853	5.49	2251		-10°F	16889	1.98	2501
	0°F	13815	10015	5.57	2480		-5°F	17811	2.05	2552
	5°F	16578	12101	6.40	2591		0°F	18425	2.07	2604
	10°F	17562	12965	6.52	2695		5°F	20472	2.26	2658
	15°F	18113	13313	6.89	2628		10°F	21496	2.32	2712
	20°F	18562	13564	6.69	2776		15°F	24566	2.6	2767
	25°F	18727	13858	6.75	2776		17°F	27023	2.8	2824
	30°F	19341	14409	6.70	2887		20°F	29173	2.97	2881
	35°F	20561	15125	6.86	2998		25°F	30094	3	2940
	40°F	21183	15887	7.15	2961		30°F	30708	3	3000
	45°F	22365	16526	7.23	3092		35°F	31015	2.94	3090
	50°F	23025	17383	7.32	3146		40°F	31322	2.88	3183
	55°F	24253	18432	7.45	3257		45°F	32243	2.88	3278
	60°F	24985	18965	7.44	3359		47°F	33165	2.88	3377
	65°F	25174	19258	7.47	3368		50°F	33345	2.88	3393
	70°F	27562	21576	7.71	3574		55°F	33496	2.82	3478
	75°F	29165	22457	8.04	3627		60°F	33827	2.77	3582
	80°F	30151	23456	8.15	3697		65°F	34822	2.77	3690
	85°F	30756	24268	8.07	3813		70°F	35817	2.76	3800
	90°F	30956	23986	8.26	3749		75°F	36812	2.76	3914
	95°F	30700	23946	8.29	3702		80°F	38139	2.77	4032
	100°F	28523	22521	8.36	3412		86°F	38624	2.77	4087
	105°F	27323	21448	8.39	3257					
	110°F	26853	20532	8.46	3173					
	115°F	25481	20130	8.50	2998					
	120°F	24125	18523	8.53	2828					
	122°F	22411	17816	8.59	2610					

LEGEND: W - Watts
 DB - Dry Bulb
 TC - Total Capacity
 SHR - Sensible Heat Ratio
 COP - Coefficient of Performance

FEATURES & FUNCTIONS SUMMARY

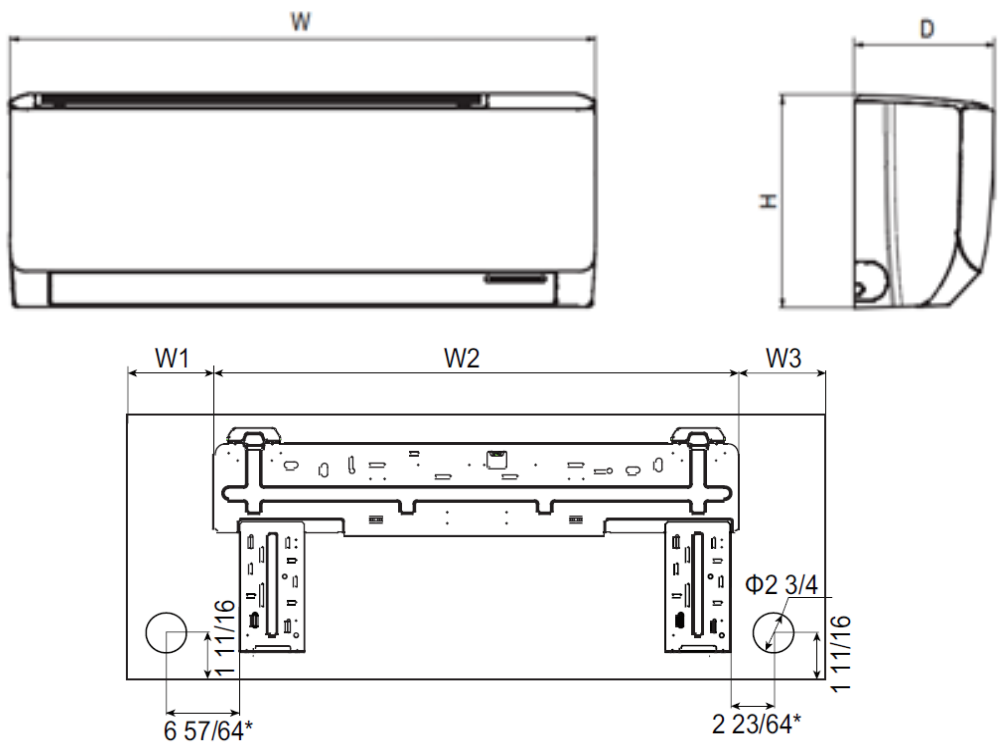
KULA24HPJ10A /KULA24HPJ11A

SYSTEM FEATURES

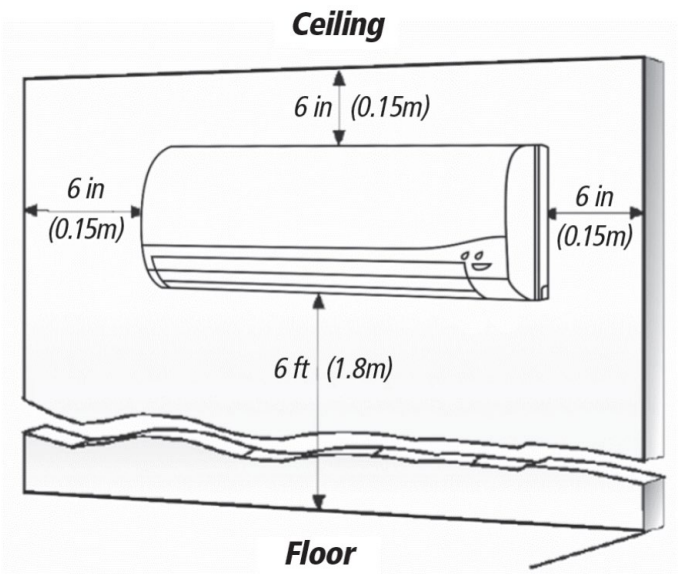
Inverter Type	G10
Ultra Low Frequency Torque Control	Yes
Power Factor Correction	Yes
Compressor Type - Inverter	High Efficiency Rotary
Basepan With Electric Heater	Yes
Indoor & Outdoor Fin Coating (Blue Fin)	Yes
Intelligent Defrosting	Yes
Intelligent Preheating	Yes
Low Voltage Startup	Yes
Memory/Power Failure Recovery	Yes
Self Diagnosis	Yes
Wired Controller Interface (XE71 or XK76 optional)	Yes
WiFi Included	Yes
NEW! Easy Service Access	Yes
Indoor Fan Type	Crossflow
Multi Fan Speeds	7 Speeds
Indoor Unit Display	Yes
Auxiliary Electrical Heater	No
Ventilation (Outdoor Air)	No

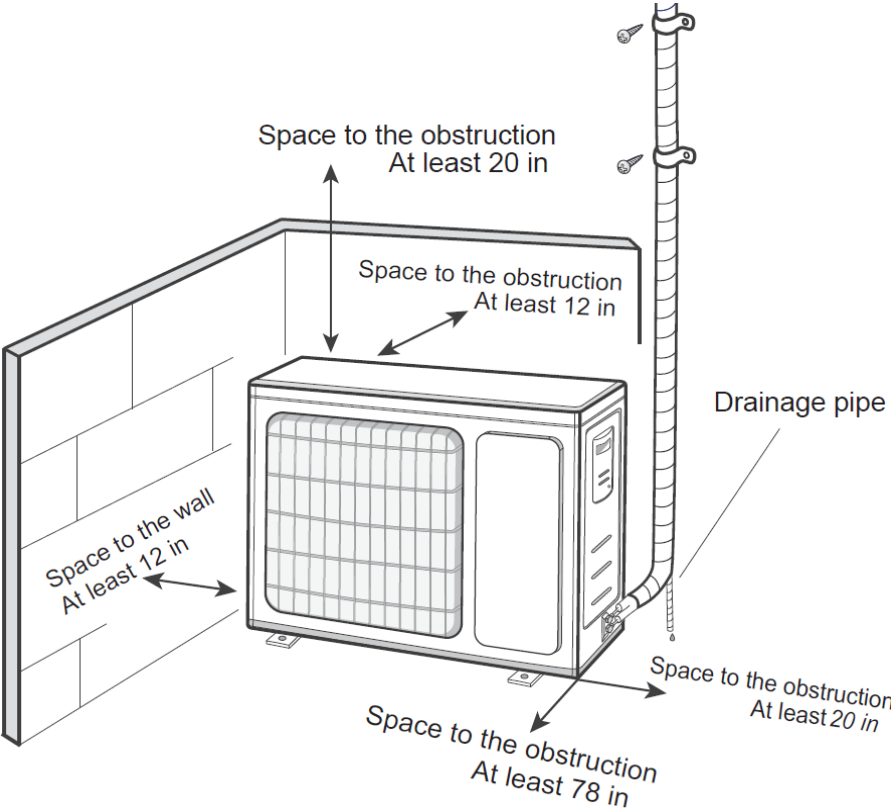
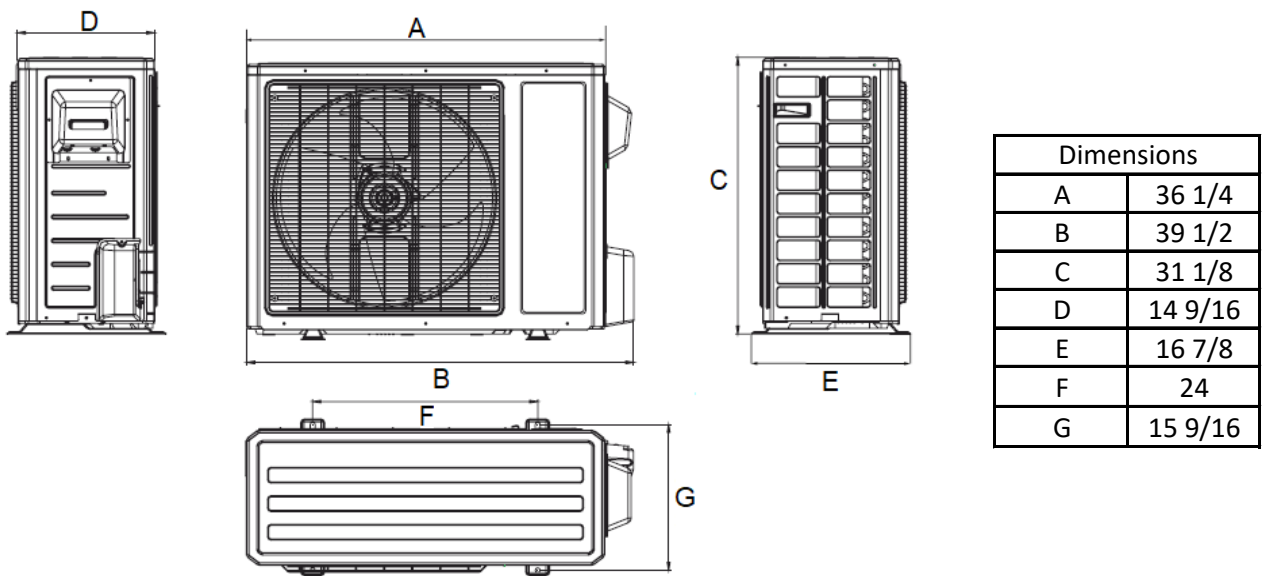
REMOTE CONTROLLER FUNCTIONS

NEW! Auto Clean	Yes
Auto Mode	Yes
Auto Fan	Yes
Auto Swing (Horizontal Auto Swing)	Yes
Auto Swing - 180° (Vertical Auto Swing)	Yes
Clock	Yes
Dry Mode	Yes
Dry Anti-Mildew (X-Fan) Mode	Yes
Energy Saving Mode	Yes
Dirty Filter Alert	No
Fan Speed Control (7 Speeds)	Yes
I Feel Function	Yes
Privacy Lock	Yes
Quiet Mode	Yes
Room Temperature Display	No
Sleep Mode	Yes
3 Sleep Mode Options	Yes
Timer Mode	Yes
Turbo Mode	Yes
Display On/Off Control	Yes
Freeze Guard Mode	Yes
Power Failure Mode	Yes



Dimensions	
W	42 5/8
D	9 3/4
H	13 1/8
W1	7 1/4
W2	27 7/8
W3	7 1/4





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