

## Cassette AC Technical specification



## U-Match Air Conditioner Outdoor Unit

Parameter(Unit)		Value		
Model		UACG24H		
Code		CF090W1610-T		
Indoor Unit	Type	Cassette		
	Model	GUD24T/A-S<S>		
	Code	ET010N1890		
Total Capacity	Cooling	kW	6.45	
		Btu/h	22000	
	Heating	kW	8.20	
		Btu/h	28000	
EER / C.O.P	W/W	3.47/3.65		
	Btu/h.W	11.85/12.44		
SEER / HSPF		Btu/h.W	/	
Energy Class		—	/	
Electrical Data	Power supply		V-Hz-Ph	220-240-50/60-1
	Power input <sup>1</sup>	Cooling	kW	1.86
		Heating	kW	2.25
	Rated Power input <sup>2</sup>	Cooling	kW	4.15
		Heating	kW	4.15
	Input current <sup>1</sup>	Cooling	A	8.60
		Heating	A	10.50
	Rated current <sup>2</sup>	Cooling	A	19.00
		Heating	A	19.00
Max. Overcurrent		A	/	
Min/Max Voltage		V	198/264	
Power cord spec		mm <sup>2</sup> xpcs	2.50x3	
Sound Pressure Level (H/M/L)*		dB (A)	55	
Sound Power Level (H/M/L)*		dB (A)	65	
Refrigerant	Type	—	R410A	
	Charge	kg	2.45	
	Throttling Method	—	Electronic expansion valve/Electronic expansion valve	
Compressor	Trademark	—	GREE	
	Manufacturer	—	ZHUHAI LANDA COMPRESSOR CO.,LTD	
	Model	—	QXFS-D25zX090H	
	Type	—	Inverter Rotary	
	Quantity	—	1	
	Capacity	W	7780	
	Power Input	W	2650	
	Run Capacitor	μF(MFD)	/	

	Rated Load Amp (RLA)		A	11.7
	Locked rotor Amp (L.R.A)		A	/
	Thermal protector		—	HPC115/95U1、KSD115°C
	Crankcase		W	/
	Refrigerant oil	Type	—	FW68DA or equivalent
Charge Volume		L	0.800	
Air Flow Volume			CFM	2354
			m <sup>3</sup> /h	4000
Fan Motor	Model		—	LW92K-ZL
	Drive Type		—	Direct
	Speed (H/M/L)*		rpm	820
	Power Output		PH	/
	Full Load Amp(FLA)		A	/
	Insulation class		—	E/B
	Safe class		—	IP24
	Capacitor		uF	/
Fan	Type		—	Axial-flow
	Quantity		—	1
	Diameter-Height		inch	φ21.65-4.72
Condenser	Material		—	Inner Groove Copper Tube-Aluminum fin
	Face Area	sq.ft	2.5	
		m <sup>2</sup>	4.6	
	Pipe Diameter		mm	φ7.94
	Number of rows		mm	2
	Tube pitch(a)x row pitch(b)		mm	22×19.05
	Fins per Inch(FPI)		—	18
	Fin type		—	Ripple
	Number of circuits		—	4
Length(L) x Height(H) x Width(W)		mm	955.5×748×38.1	
Permissible Excessive Operating Pressure for the Discharge Side			Mpa	4.6
Permissible Excessive Operating Pressure for the Suction Side			Mpa	2.5
Operation temp	Cooling	°C	18~52	
	Heating	°C	-10~24	
Defrosting Method			—	Auto defrost
Isolation			—	I
Moisture Protection			—	IPX4
Overload Protector			—	High Pressure Protector, Discharge High Temperature Protection
Dimension	Outline dimension (W×D×H)		mm	920×370×790
	Package dimension (L×W×H)		mm	1083×488×855
Weight	Net Weight		kg	61.0

Weight	Gross Weight		kg	66.0
Loading quantity	Outdoor Unit		20'GP	44
			40'GP	96
			40'HQ	144
	Outdoor Unit and Indoor Unit(within panel)		20'GP	28
			40'GP	64
			40'HQ	80
Connection Pipe	Valve Connection Type		—	Screw thread joint
	Length		m	5
	Gas additional charge		g/m	30
	Outer Diameter	Liquid Pipe	Inch	3/8"
		Gas Pipe	Inch	5/8"
	Max Distance	Height	m	15
		Length	m	30
Note:				
1. The cooling capacity stated above is measured under following conditions :				
Indoor Condition:				
2. Noise is tested in the semi-anechoic room, so it should be slightly higher in the actual Operation due				
3. "1" is tested under standard condition: (请注明标准工况)				
"2" is tested under rated condition according to				
4.* Fan different speed				

