

Duct AC Technical specification



U-Match Air Conditioner Outdoor Unit

Parameter(Unit)			Value		
Model			UADG36H		
Code			CF090W1570-PHS		
Indoor Unit	Type		Duct		
	Model		GUD36PHS/A-S<S>		
	Code		CF022N2700		
Total Capacity	Cooling	kW	10.00		
		Btu/h	34000		
	Heating	kW	11.00		
		Btu/h	37500		
EER / C.O.P		W/W	3.57/3.30		
		Btu/h.W	12.15/11.19		
SEER / HSPF		Btu/h.W	/		
Energy Class		—	/		
Electrical Data	Power supply		V-Hz-Ph	220-240-50/60-1	
	Power input ¹	Cooling	kW	2.80	
		Heating	kW	3.35	
	Rated Power input ²	Cooling	kW	5.70	
		Heating	kW	5.70	
	Input current ¹	Cooling	A	14.10	
		Heating	A	16.90	
	Rated current ²	Cooling	A	26.00	
		Heating	A	26.00	
Max. Overcurrent Protection		A	/		
Min/Max Voltage		V	198/264		
Power cord spec		mm ² xpcs	4.00x3		
Sound Pressure Level (H/M/L)*		dB (A)	58		
Sound Power Level (H/M/L)*		dB (A)	68		
Refrigerant	Type		—	R410A	
	Charge		kg	3.70	
	Throttling Method		—	Electronic expansion valve/Electronic expansion valve	
Trademark	Trademark		—	GREE	
	Manufacturer		—	ZHUHAI LANDA COMPRESSOR CO.,LTD	
	Model		—	QXAS-D32zX090FA	
	Type		—	Inverter Rotary	

Compressor	Quantity	—	1
	Capacity	W	12230
	Power Input	W	4023
	Run Capacitor	μF(MFD)	/
	Rated Load Amp (RLA)	A	7.9
	Locked rotor Amp (L.R.A)	A	/
	Thermal protector	—	/
	Crankcase	W	40
	Refrigerant oil	Type	—
Charge Volume		L	0.800
Air Flow Volume		CFM	3884
		m ³ /h	6600
Fan Motor	Model	—	B-SWZ120A
	Drive Type	—	Direct
	Speed (H/M/L)*	rpm	820
	Power Output	PH	/
	Full Load Amp(FLA)	A	/
	Insulation class	—	E/B<上>
	Safe class	—	IP44
	Capacitor	uF	/
Fan	Type	—	Axial-flow
	Quantity	—	2
	Diameter-Height	inch	φ18.58-6.30
Condenser	Material	—	Inner Groove Copper Tube-Aluminum fin
	Face Area	sq.ft	2.5
		m ²	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)	—	16
	Fin type	—	Ripple
	Number of circuits	—	10
Length(L) x Height(H) x Width(W)	mm	864×1320×38.1	
Permissible Excessive Operating Pressure for		Mpa	4.6
Permissible Excessive Operating Pressure for		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 Presser Protector, Discharge High Temperature Protection	
Dimension	Outline dimension (W×D×H)	mm	900×340×1345	
	Package dimension (L×W×H)	mm	998×458×1500	
Weight	Net Weight	kg	97.0	
	Gross Weight	kg	107.0	
Loading quantity	Outdoor Unit	20'GP	27	
		40'GP	58	
		40'HQ	59	
	Outdoor Unit and Indoor Unit(within panel)	20'GP	21	
		40'GP	44	
		40'HQ	50	
Connection Pipe	Valve Connection Type		— Screw thread joint	
	Length		m 5	
	Gas additional charge		g/m 45	
	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: 27°C (81°F) DB/19°C (66.6°F) WB; Outdoor Condition: 35°C (95.4°F) DB/24°C (75.6°F) WB.				
2. Noise is tested in the semi-anechoic room, so it should be slightly higher in the actual Operation due to environmental change.				
3."1" is tested under standard condition: (请注明标准工况)				
4.* Fan different speed				



