

Duct AC Technical specification



U-Match Air Conditioner Outdoor Unit

Parameter(Unit)		Value	
Model		UADG48H	
Code		CF090W1580-PHS	
Indoor Unit	Type	Duct	
	Model	GUD48PHS/A-S<S>	
	Code	CF022N2690	
Total Capacity	Cooling	kW	13.20
		Btu/h	45000
	Heating	kW	14.70
		Btu/h	50100
EER / C.O.P	W/W	3.58/3.35	
	Btu/h.W	12.20/11.36	
SEER / HSPF		Btu/h.W	/
Energy Class		—	/
Electrical Data	Power supply		V-Hz-Ph 220-240-50/60-1
	Power input ¹	Cooling	kW 3.69
		Heating	kW 4.41
	Rated Power input ²	Cooling	kW 6.55
		Heating	kW 6.55
	Input current ¹	Cooling	A 16.80
		Heating	A 20.20
	Rated current ²	Cooling	A 30.00
		Heating	A 30.00
Max. Overcurrent Protection		A	/
Min/Max Voltage		V	198/264
Power cord spec		mm ² xpcs	6.00x3
Sound Pressure Level (H/M/L)*		dB (A)	60
Sound Power Level (H/M/L)*		dB (A)	70
Refrigerant	Type	—	R410A
	Charge	kg	5.50
	Throttling Method	—	Electronic expansion valve/Electronic expansion valve
Trademark	Trademark	—	GREE
	Manufacturer	—	ZHUHAI LANDA COMPRESSOR CO.,LTD
	Model	—	QXAS-F428zX450L
	Type	—	Inverter Rotary
	Quantity	—	1

Compressor	Capacity		W	13500
	Power Input		W	4580
	Run Capacitor		μF(MFD)	/
	Rated Load Amp (RLA)		A	21.0
	Locked rotor Amp (L.R.A)		A	/
	Thermal protector		—	/
	Crankcase		W	40
	Refrigerant oil	Type	—	FW68DA or equivalent
Charge Volume		L	1.150	
Air Flow Volume			CFM	4708
			m ³ /h	8000
Fan Motor	Model		—	B-SWZ150A
	Drive Type		—	Direct
	Speed (H/M/L)*		rpm	800
	Power Output		PH	/
	Full Load Amp(FLA)		A	/
	Insulation class		—	E/B<上骐>
	Safe class		—	IP44
	Capacitor		uF	/
Fan	Type		—	Axial-flow
	Quantity		—	2
	Diameter-Height		inch	φ21.65-7.32
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	2.5
	Tube pitch(a)x row pitch(b)		mm	22×19.05
	Fins per Inch(FPI)		—	17
	Fin type		—	Ripple
	Number of circuits		—	12
Length(L) x Height(H) x Width(W)		mm	888×1408×38.1+541×1408×19.05	
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	940×320×1430	
	Package dimension (L×W×H)	mm	1038×438×1580	
Weight	Net Weight	kg	118.0	
	Gross Weight	kg	129.0	
Loading quantity	Outdoor Unit	20'GP	27	
		40'GP	57	
		40'HQ	57	
	Outdoor Unit and Indoor Unit(within panel)	20'GP	18	
		40'GP	36	
		40'HQ	44	
Connection Pipe	Valve Connection Type		—	Screw thread joint
	Length		m	7.5
	Gas additional charge		g/m	45
	Outer Diameter	Liquid Pipe	Inch	3/8"
		Gas Pipe	Inch	3/4"
	Max Distance	Height	m	30
		Length	m	50
	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) "2" is tested under rated condition according to CE/Eurovent				
4.* Fan different speed				

