

# 5TON CENTRAL AIR SYSTEM



Aura Systems Central Air Conditioner With Heat Pump		Unit of Measure	AU-60
Power supply		Ph-V-Hz	1 - 230~240 - 60
Cooling	Capacity	Btu/h	55500
	Input	W	-
	Rated Current	A	-
	EER	Btu/w	11.7
	SEER	Btu/w	14.0
Heating	Capacity	Btu/h	-
	Input	W	-
	Rated Current	A	-
	COP	W/W	-
	HSPF4	Btu/w	-
	HSPF5	Btu/w	-
MINIMUM CIRCUIT AMPACITY		A	15
MAX.FUSE		A	15
Moisture Removal		L/h	/
Indoor			AU-060-AH
Indoor Fan Motor	Input	W	22
	RLA	A	0.2
	LRA	A	---
	Winding Resistance	Ω	---
	Capacitor	uF	---
	Speed (Hi/Mi/Lo)	r/min	1050 / 850 / 650
Indoor Air Flow (Hi/Mi/Lo)		m <sup>3</sup> /h	500 / 350 / 240
Indoor Air Flow (Hi/Mi/Lo)		CFM	294 / 206 / 141
Indoor Noise Level (Hi/Mi/Lo)		dB(A)	40.5 / - / 25
Indoor unit	Dimension (WxDxH)	mm	558 x 609 x 1371
	Dimension (WxDxH)	inch	22 x 24 x 54
	Packing (WxDxH)	mm	762 x 711 x 1524
	Packing (WxDxH)	inch	30 x 28 x 60
	Net/Gross Weight	Kg	8.5 / 10.2
	Net/Gross Weight	lbs.	18.7 / 22.5

Aura Systems Central Air Conditioner With Heat Pump		Unit of Measure	AU-60
Outdoor			AU-060-CO
Compressor	Capacity	Btu/h	10014
	Input	W	748
	Rated Current (RLA)	A	6.8
	Locked Rotor Amp (LRA)	A	---
	Thermal Protector		---
	Thermal Protector Position		---
	Refrigerant Oil / Oil Charge	ml	ESTER OIL VG74 / 370
Outdoor Fan Motor	Input	W	77.5 / 70
	RLA	A	0.4
	LRA	A	0.46
	Winding Resistance	Ω	213 / 156
	Capacitor	uF	2.5uF / 450V
	Speed	r/min	860 / -- / 740
Outdoor Air Flow		m <sup>3</sup> /h	1900
Outdoor Air Flow		CFM	1120
Outdoor Noise Level		dB(A)	57
Outdoor unit	Dimension (WxDxH)	mm	762 x 762 x 863
	Dimension (WxDxH)	inch	30 x 30 x 34
	Packing (WxDxH)	mm	863 x 863 x 1016
	Packing (WxDxH)	inch	34 x 34 x 40
	Net/Gross Weight	Kg	29.5 / 32
	Net/Gross Weight	lbs.	65.0 / 70.5
Refrigerant Type		g	R410A / 961g
Refrigerant Type		oz	R410A / 33.9oz
Refrigerant Pre-Charge		ft	25
Additional Charge for Each Foot		oz	0.161
Design Pressure		PSIG	550 / 340 PSIG
Refrigerant Piping	Liquid Side/ Gas Side	mm (inch)	Φ6.35 / Φ12.7 (¼" / ½")
	Max. Refrigerant Pipe Length	m	25
	Max. Refrigerant Pipe Length	ft	82
	Max. Difference in Level	m	10
	Max. Difference in Level	ft	33
Connection Wiring			16AWG*4 Stranded, Unshielded
Thermostat Type			Remote Control
Temperature Setting Range	Indoor (Cooling/ Heating)	°C	17~32 / 0~30
	Indoor (Cooling/ Heating)	°F	62~90 / 32~86
Ambient Temperature Range for Safe Operation	Outdoor (Cooling / Heating)	°C	-
	Outdoor (Cooling / Heating)	°F	-
	Outdoor (Cooling / Heating)	°C	-15~50 / -15~30
	- Optional		
	Outdoor (Cooling / Heating)	°F	5~122 / 5~86
Application Area		m <sup>2</sup>	41.8
Application Area		ft <sup>2</sup>	450
Qty' Per 20' /40' /40' HQ		set	105 / 220 / 248

