

# 6-3. SPECIFICATIONS

TYPE			CASSETTE MODELS	
			INVERTER HEAT PUMP TYPE	
MODEL NAME	INDOOR		AU * 54LUAS	
	OUTDOOR		AO * 54LJBYL	
POWER SOURCE			230V ~ 50Hz	
AVAILABLE VOLTAGE RANGE			198 - 264V ~ 50Hz	
CAPACITY	COOLING	RATED / MAX	kW	13.3 / 14.5
			BTU/h	45400 / 49500
	HEATING	RATED / MAX	kW	16.0 / 16.5
			BTU/h	54600 / 56300
INPUT POWER	COOLING	RATED / MAX	kW	5.45 / 5.70
	HEATING	RATED / MAX	kW	4.95 / 5.20
CURRENT	COOLING	RATED / MAX	A	23.8 / 25.0
	HEATING	RATED / MAX	A	21.6 / 22.8
STARTING CURRENT			A	15
EER		COOLING	kW/kW	2.44
COP		HEATING	kW/kW	3.23
MOISTURE REMOVAL			l/h (pints/h)	5.5(11.6)
AIR CIRCULATION COOL/HEAT	INDOOR	High	m <sup>3</sup> /h	1700/1700
		Med		1420/1420
		Low		1200/1200
		Quiet		-
	OUTDOOR	High		6600/6600
		Low		-
FAN SPEED COOL/HEAT	INDOOR	High	r.p.m	680/680
		Med		580/580
		Low		500/500
		Quiet		-
	OUTDOOR	High		Upper fan : 850 , Lower fan : 750
		Low		-
FAN TYPE x Q'ty		INDOOR	Turbo x 1	
		OUTDOOR	Propeller x 2	
FAN MOTOR OUTPUT		INDOOR	W	100
		OUTDOOR		103 x 2
NOISE LEVEL (SOUND PRESSURE)	INDOOR	High	dB(A)	50 / 50
		Med		48 / 48
		Low		45 / 45
		Quiet		-
COOL/HEAT	OUTDOOR	High		54 / 55.5
		Low		-
COMPRESSOR	TYPE		DC SCROLL(INVERTER)	
	OUTPUT		W	2500
	STARTING METHOD		Inverter	
HEAT EXCHANGER TYPE	INDOOR	Coil	Copper tube	
		Fin	Aluminium	
		Rows x Stages	3 x 12	
		Fin Pitch	mm	1.4
		Coil Dimensions		252 x 970 x 39.9
	OUTDOOR	Coil	Copper tube	
		Fin	Aluminium	
		Rows x Stages	2 x (38 + 22)	
		Fin Pitch	mm	1.3
		Coil Dimensions		1260 x 900 x 36.38
CASING COLOR		INDOOR	White(5Y9/0.5NN)	
		OUTDOOR	Beige(10YR7.5/1.0NN)	
DIMENSIONS H x W x D	INDOOR	NET	mm	296 x 830 x 830
	OUTDOOR			1290 x 900 x 330
	INDOOR	GROSS		455 x 1060 x 1025
	OUTDOOR			1430 x 1050 x 445
WEIGHT	INDOOR	NET	kg(lb)	40 (88)
	OUTDOOR			105 (231)
	INDOOR	GROSS		55 (121)
	OUTDOOR			112 (247)
PIPE	CONNECTION METHOD		FLARE	
	SIZE	LIQUID	mm	Φ9.52(3/8 inc.)
		GAS		Φ15.88(5/8 inc.)
	MAX LENGTH		m	70 (chargeless:20)
	MAX HEIGHT		m	30
REFRIGERANT		TYPE	R410A	
		CHARGE	g	3400
REFRIGERANT OIL		TYPE	POE	
OPERATION(OUTDOOR)	COOLING	°C	-15 to 43	
	HEATING		-15 to 24	
REMOTE CONTROLLER TYPE			WIRED	
DRAIN PIPE	MATERIAL		ABS	
	SIZE		mm	Outer diameter 37.0 / Inner diameter 32.0

Note: Specifications are based on the following conditions.  
Cooling: Indoor temperature of 27°CDB / 19°CWB and outdoor temperature of 35°CDB/24°CWB.  
Heating: Indoor temperature of 20°CDB / 15°CWB and outdoor temperature of 7°CDB/6°CWB.  
Pipe length : 7.5 m, Height difference : 0 m.(Outdoor unit - Indoor unit)

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