

# 4-3. SPECIFICATIONS

TYPE				CASSETTE MODELS	
				INVERTER HEAT PUMP TYPE	
MODEL NAME		INDOOR		AU * 30LUAS	AU * 36LUAS
		OUTDOOR		AO * 30LMAWL	AO * 36LMAWL
POWER SOURCE				230V~ 50Hz	230V~ 50Hz
AVAILABLE VOLTAGE RANGE				198-264V~ 50Hz	
EUROPEAN ENERGY LABEL				C	E
CAPACITY	COOLING	RATED/MAX	kW	8.50/10.00	10.00/11.20
			BTU/h	29000/34100	34100/38200
	HEATING	RATED/MAX	kW	10.00/11.20	11.20/12.77
			BTU/h	34100/38200	38200/43600
INPUT POWER	COOLING	RATED/MAX	kW	2.86/3.46	4.01/4.08
	HEATING	RATED/MAX		2.84/3.37	3.49/4.15
CURRENT	COOLING	RATED/MAX	A	12.5/15.2	17.6/17.9
	HEATING	RATED/MAX		12.4/14.8	15.2/18.2
STARTING CURRENT			A	15	15
EER		COOLING	kW/kW	2.97	2.49
COP		HEATING		3.52	3.21
MOISTURE REMOVAL			l/h (pints/h)	3.0(6.3)	4.0(8.4)
AIR CIRCULATION COOL/HEAT	INDOOR	High	m <sup>3</sup> /h	1550/1550	
		Med		1300/1300	
		Low		1100/1100	
	OUTDOOR	High		3600/3800	
FAN SPEED COOL/HEAT	INDOOR	High	r.p.m	600/600	
		Med		490/490	
		Low		420/420	
		Quiet		-/-	
	OUTDOOR	High		850/900	
FAN TYPE x Q'ty		INDOOR		Turbo x 1	
		OUTDOOR		Propeller x 1	
FAN MOTOR OUTPUT		INDOOR	W	100	
		OUTDOOR		103	
NOISE LEVEL (SOUND PRESSURE)	INDOOR	High	dB(A)	48.0/48.0	
		Med		44.0/44.0	
		Low		41.0/41.0	
COOL/HEAT	OUTDOOR			53.0/55.0	54.0/55.0
COMPRESSOR	TYPE			DC TWIN ROTARY(INVERTER)	
	OUTPUT		W	1300	
STARTING METHOD				INVERTER	
HEAT EXCHANGER TYPE	INDOOR	Coil	mm	Copper tube	
		Fin		Aluminium	
		Rows x Stages		2 x 12	
		Fin Pitch		1.30	
	Coil Dimensions	252 x 970 x 26.6			
	OUTDOOR	Coil		Copper tube	
		Fin		Aluminium	
		Rows x Stages		2 x 38	
Fin Pitch		1.30			
Coil Dimensions	798 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			830 x 900 x 330	
	INDOOR	GROSS		455 x 1060 x 1025	
	OUTDOOR			970 x 1050 x 445	
WEIGHT	INDOOR	NET /	kg(lbs)	37/52(82/115)	
	OUTDOOR	GROSS		64/70(141/154)	
PIPE	CONNECTION METHOD			FLARE	
	SIZE	LIQUID	mm	Φ9.52(3/8 inc.)	
		GAS		Φ15.88(5/8 inc.)	
	MAX LENGTH		m	50(chargeless:15)	
	MAX HEIGHT		m	30	
REFRIGERANT	TYPE		R410A		
	CHARGE		g	2200	
REFRIGERANT OIL		TYPE		POE	
OPERATION(OUTDOOR)	COOLING	°C	-10 to 43		
	HEATING		-10 to 24		
REMOTE CONTROLLER				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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AU30-AU36

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