

3-3. SPECIFICATIONS

CASSETTE TYPE
AU24

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TYPE			CASSETTE MODELS		
			INVERTER HEAT PUMP TYPE		
MODEL NAME	INDOOR		AU * 24LUAR		
	OUTDOOR		AO * 24LMAKL		
POWER SOURCE			230V~ 50Hz		
AVAILABLE VOLTAGE RANGE			198-264V ~ 50Hz		
EUROPEAN ENERGY LABEL			COOLING	C	
CAPACITY	COOLING	RATED / MAX	kW	7.10/8.00	
			BTU/h	24200/27300	
	HEATING	RATED / MAX	kW	7.80/9.00	
			BTU/h	26600/30700	
INPUT POWER	COOLING	RATED / MAX	kW	2.53/2.98	
	HEATING	RATED / MAX		2.40/2.98	
CURRENT	COOLING	RATED / MAX	A	11.1/13.0	
	HEATING	RATED / MAX		10.5/13.0	
STARTING CURRENT			A	10	
EER		COOLING	kW/kW		
COP		HEATING	kW/kW		
MOISTURE REMOVAL			l/h(pints/h)	2.0(4.2)	
AIR CIRCULATION COOL/HEAT	INDOOR	High	m ³ /h	1250/1250	
		Med		1080/1080	
		Low		920/920	
	OUTDOOR	High	3200/3200		
FAN SPEED COOL/HEAT	INDOOR	High	r.p.m	540/490	
		Med		480/430	
		Low		390/340	
		Quiet		-	
	OUTDOOR	High	780/780		
		Low	400/400		
FAN TYPE x Q'ty		INDOOR	Turbo x 1		
		OUTDOOR	Propeller x 1		
FAN MOTOR OUTPUT		INDOOR	W	40	
		OUTDOOR		65	
NOISE LEVEL (SOUND PRESSURE)	INDOOR	High	dB(A)	46/46	
		Med		44/44	
		Low		39/39	
COOL/HEAT		OUTDOOR	52/54		
COMPRESSOR	TYPE		Hermetic type, 4 poles, DC motor, TWIN ROTARY		
	OUTPUT		W	1300	
	STARTING METHOD		Inverter		
HEAT EXCHANGER TYPE	INDOOR	Coil	Copper tube		
		Fin	Aluminium		
		Rows x Stages	2 x 10		
		Fin Pitch	mm	1.30	
		Coil Dimensions		210 x 970 x 26.6	
	OUTDOOR	Coil	Copper tube		
		Fin	Aluminium		
		Rows x Stages	2 x 30		
		Fin Pitch	mm	1.45	
		Coil Dimensions		630 x 901 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	246 x 830 x 830	
	OUTDOOR	NET		650 x 830 x 320	
	INDOOR	GROSS		355 x 1060 x 1025	
	OUTDOOR	GROSS		743 x 984 x 413	
WEIGHT	INDOOR	NET / GROSS	kg(lbs)	34/44(75/97)	
	OUTDOOR	NET / GROSS		54/58(119/128)	
PIPE	CONNECTION METHOD		FLARE		
	SIZE	LIQUID	mm	Φ 9.52(3/8inc)	
		GAS		Φ 15.88(5/8inc)	
	MAX LENGTH		m	25(chargeless: 10)	
	MAX HEIGHT		m	15	
REFRIGERANT	TYPE		R410A		
	CHARGE		g	1800	
REFRIGERANT OIL		TYPE		POE	
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)