

5-3. SPECIFICATIONS

TYPE				CEILING MODELS	
				INVERTER HEAT PUMP TYPE	
MODEL NAME		INDOOR		AB * 45LBAG	
		OUTDOOR		AO * 45LJBYL	
POWER SOURCE				230V~ 50Hz	
AVAILABLE VOLTAGE RANGE				198-264V~ 50Hz	
CAPACITY	COOLING	RATED/MAX	kW	12.5/14.0	
				BTU/h	
	HEATING	RATED/MAX	kW	14.0/16.0	
				BTU/h	
INPUT POWER	COOLING	RATED/MAX	kW	4.45/5.15	
	HEATING	RATED/MAX		4.25/4.60	
CURRENT	COOLING	RATED/MAX	A	19.5/22.6	
	HEATING	RATED/MAX		18.5/20.0	
STARTING CURRENT			A	15	
EER		COOLING	kW/kW	2.81	
COP		HEATING		3.29	
MOISTURE REMOVAL			l/h (pints/h)	4.0(8.5)	
AIR CIRCULATION COOL/HEAT	INDOOR	High	m ³ /h	2000/2000	
		Med		1850/1850	
		Low		1590/1590	
		Quiet		-	
	OUTDOOR	High		6600/6600	
		Low		-	
FAN SPEED COOL/HEAT	INDOOR	High	r.p.m	1200/1200	
		Med		1100/1100	
		Low		950/950	
		Quiet		-	
	OUTDOOR	High		Upper fan : 850 , Lower fan : 750	
		Low		-	
FAN TYPE x Q'ty		INDOOR	Sirocco x 4		
		OUTDOOR	Propeller x 2		
FAN MOTOR OUTPUT		INDOOR	W	160	
		OUTDOOR		103 x 2	
NOISE LEVEL (SOUND PRESSURE)	INDOOR	High	dB(A)	50/50	
		Med		47/47	
		Low		43/43	
COOL/HEAT	OUTDOOR			52/53	
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	1.45	
	Coil Dimensions	252 x 1350 x 39.9			
	OUTDOOR	Coil	Copper tube		
		Fin	Aluminium		
		Rows x Stages	2 x 60		
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	240 x 1660 x 700	
	OUTDOOR			1290 x 900 x 330	
	INDOOR	GROSS		318 x 1800 x 790	
	OUTDOOR			1430 x 1050 x 445	
WEIGHT	INDOOR	NET /	kg(lbs)	48/61 (106/134)	
	OUTDOOR	GROSS		105/112 (231/247)	
PIPE	CONNECTION METHOD			FLARE	
	SIZE	LIQUID	mm	φ 9.52(3/8 inc.)	
		GAS		φ 15.88(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				WIRELESS	
DRAIN PIPE	MATERIAL			ABS	
	SIZE	mm	Outer diameter 25.6 / Inner diameter 22.0		

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)