

## 2-3. SPECIFICATIONS

FLOOR / CEILING TYPE  
AB14

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TYPE			UNIVERSAL MODELS			
			COOLING TYPE	HEAT PUMP TYPE		
MODEL NAME	INDOOR		AB * 14FBBJ	AB * 14UBBJ		
	OUTDOOR		AO * 14FSDJ	AO * 14USDJL		
POWER SOURCE			230V ~ 50Hz	230V ~ 50Hz		
AVAILABLE VOLTAGE RANGE			198-264V ~ 50Hz	198-264V ~ 50Hz		
EUROPEAN ENERGY LABEL			COOLING B	C		
CAPACITY	COOLING	RATED	kW	4.20	4.00	
			BTU/h	14300	13700	
	HEATING	RATED	kW	-	4.70	
			BTU/h	-	16000	
INPUT POWER	COOLING	RATED	kW	1.39	1.42	
	HEATING	RATED		-	1.35	
CURRENT	COOLING	RATED	A	6.3	6.3	
	HEATING	RATED		-	6.0	
STARTING CURRENT			A	31	31	
EER	COOLING		kW/kW	3.02	2.82	
COP	HEATING			-	3.48	
MOISTURE REMOVAL			l/h (pints/h)	1.5(3.2)	1.5(3.2)	
AIR CIRCULATION COOL/HEAT	INDOOR	High	m <sup>3</sup> /h	640/-	640/640	
		Med		560/-	560/560	
		Low		480/-	480/480	
		Quiet		-	-	
	OUTDOOR	High	1600/-	1600/1600		
		Low	-	950/950		
FAN SPEED COOL/HEAT	INDOOR	High	r.p.m	850/-	850/850	
		Med		760/-	760/760	
		Low		670/-	670/670	
		Quiet		-	-	
	OUTDOOR	High	740/-	740/740		
		Low	-	440/440		
FAN TYPE x Q'ty			INDOOR	Sirocco x 2	Sirocco x 2	
			OUTDOOR	Propeller x 1	Propeller x 1	
FAN MOTOR OUTPUT			INDOOR	16	16	
			OUTDOOR	21	21	
NOISE LEVEL (SOUND PRESSURE)	INDOOR	High	dB(A)	41(Floor console) , 40(Under ceiling)	41/41(Floor console) , 40/40(Under ceiling)	
		Med		38(Floor console) , 37(Under ceiling)	38/38(Floor console) , 37/37(Under ceiling)	
		Low		35(Floor console) , 34(Under ceiling)	35/35(Floor console) , 34/34(Under ceiling)	
	COOL/HEAT	OUTDOOR		49/-	49/50	
COMPRESSOR			TYPE	ROTARY	ROTARY	
OUTPUT			W	1150	1150	
STARTING METHOD				Permanent Starting Condenser	Permanent Starting Condenser	
HEAT EXCHANGER TYPE	INDOOR	Coil		Copper tube	Copper tube	
		Fin		Aluminium	Aluminium	
		Rows x Stages		2 x 12	2 x 12	
		Fin Pitch	mm	1.2	1.2	
		Coil Dimensions		252 x 800 x 26.6	252 x 800 x 26.6	
	OUTDOOR	Coil		Copper tube	Copper tube	
		Fin		Aluminium	Aluminium	
		Rows x Stages		2 x 24	2 x 24	
		Fin Pitch	mm	1.45	1.45	
		Coil Dimensions		504 x 658 x 36.38	504 x 658 x 36.38	
CASING COLOR			INDOOR	WHITE(5Y9/0.5NN)	WHITE(5Y9/0.5NN)	
			OUTDOOR	BEIGE(10YR7.5/1.0NN)	BEIGE(10YR7.5/1.0NN)	
DIMENSIONS H x W x D	INDOOR	NET	mm	199 x 990 x 655	199 x 990 x 655	
		OUTDOOR		530 x 750 x 250	530 x 750 x 250	
	GROSS	INDOOR		320 x 1150 x 790	320 x 1150 x 790	
		OUTDOOR		609 x 882 x 339	609 x 882 x 339	
WEIGHT	INDOOR	NET /	kg(lbs)	28/37(62/82)	28/37(62/82)	
	OUTDOOR	GROSS		35/37(77/82)	35/37(77/82)	
PIPE	CONNECTION METHOD			FLARE	FLARE	
	SIZE	LIQUID	mm	Φ6.35(1/4 inc.)	Φ6.35(1/4 inc.)	
		GAS		Φ12.7(1/2 inc.)	Φ12.7(1/2 inc.)	
	MAX LENGTH			m	15(chargeless:7.5)	15(chargeless:7.5)
	MAX HEIGHT			m	8	8
REFRIGERANT			TYPE	R410A	R410A	
			CHARGE	g	900	1000
REFRIGERANT OIL			TYPE	POE	POE	
OPERATION(OUTDOOR)	COOLING	°C		21 to 43	0 to 43	
	HEATING			-	-6 to 24	
REMOTE CONTROLLER TYPE				Wireless	Wireless	
DRAIN PIPE	MATERIAL			ABS		
	SIZE			mm	Outer diameter 26.0 / Inner diameter 21.5	

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)