

# 4-3. SPECIFICATIONS

TYPE				CEILING MODELS		
				INVERTER HEAT PUMP		
MODEL NAME		INDOOR		AB * 30LBAG	AB * 36LBAG	
		OUTDOOR		AO * 30LMBWL	AO * 36LMBWL	
POWER SOURCE				230V ~ 50Hz		
AVAILABLE VOLTAGE RANGE				198-264V ~ 50Hz		
EUROPEAN ENERGY LABEL			COOLING	C	E	
CAPACITY	COOLING	RATED/MAX	kW	8.50/10.00	10.0/11.20	
			BTU/h	29000/34100	34100/38200	
	HEATING	RATED/MAX	kW	10.00/11.20	10.8/12.77	
			BTU/h	34100/38200	36900/43600	
INPUT POWER	COOLING	RATED/MAX	kW	3.00/3.45	4.12/4.35	
	HEATING	RATED/MAX		2.90/3.50	3.26/4.15	
CURRENT	COOLING	RATED/MAX	A	13.1/15.2	18.0/18.4	
	HEATING	RATED/MAX		12.7/15.3	14.2/18.8	
STARTING CURRENT			A	10	10	
EER	COOLING		kW/kW	2.83	2.43	
COP	HEATING			3.45	3.31	
MOISTURE REMOVAL			l/h (pints/h)	2.5 ( 5.3 )	3.0 ( 6.3 )	
AIR CIRCULATION COOL/HEAT	INDOOR	High	m <sup>3</sup> /h	1660 / 1660	1850 / 1850	
		Med		1500 / 1450	1660 / 1500	
		Low		1270 / 1150	1430 / 1270	
		Quiet		-	-	
	OUTDOOR	High		3600 / 3800		
		Low		-		
FAN SPEED COOL/HEAT	INDOOR	High	r.p.m	1000 / 1000	1100 / 1100	
		Med		900 / 850	1000 / 900	
		Low		750 / 650	850 / 750	
		Quiet		-	-	
	OUTDOOR	High		850 / 900		
		Low		-		
FAN TYPE x Q'ty		INDOOR	SIROCCO × 4			
		OUTDOOR	PROPELLER × 1			
FAN MOTOR OUTPUT		INDOOR	W	160		
		OUTDOOR		103		
NOISE LEVEL (SOUND PRESSURE)	INDOOR	High	dB(A)	45.0 / 45.0	48.0 / 48.0	
		Med		42.0 / 42.0	45.0 / 45.0	
		Low		37.0 / 37.0	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	Copper tube			
		Fin	Aluminium			
		Rows × Stages	3 × 12			
		Fin Pitch	mm	1.45		
	Coil Dimensions	252 × 1350 × 39.9				
	OUTDOOR	Coil	Copper tube			
		Fin	Aluminium			
		Rows × Stages	2 × 38			
Fin Pitch		mm	1.3			
Coil Dimensions	798 × 900 × 36.38					
CASING COLOR		INDOOR	White (5Y9/0.5NN)			
		OUTDOOR	Beige (10YR7.5/1.0NN)			
DIMENSIONS H × W × D	INDOOR	NET	mm	240 × 1660 × 700		
				OUTDOOR	830 × 900 × 330	
	INDOOR	GROSS		318 × 1800 × 790		
				OUTDOOR	970 × 1050 × 445	
WEIGHT	INDOOR	NET /	kg(lbs)	48 / 61 ( 106 / 134 )		
	OUTDOOR	GROSS		64 / 70 ( 141 / 154 )		
PIPE	CONNECTION METHOD			FLARE		
	SIZE	LIQUID	mm	Φ 9.52 ( 3 / 8 inc.)		
		GAS		Φ 15.88 ( 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 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)

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AB30-36L

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