

1. Product Specifications

1-1 Table

Item			Model	AS09HPBN		AS12HPBN	
				Indoor unit	Outdoor unit	Indoor unit	Outdoor unit
Type				Wall-mounted		Wall-mounted	
Performance	Cooling		kW	2.70		3.50	
	Heating		kW	2.90		3.80	
	Dehumidifying		ℓ/h	1.0		1.4	
	Air Volume	Cooling	m ³ /min (H/M/L)	7.5/6.9/6.3	25	8.3/7.0/5.7	25
		Heating		8.0/7.4/6.8	25	9.5/8.9/8.3	25
	Noise	Cooling	dB (H/M/L)	40/36/32	51/51	43/38/34	53/53
		Heating		40/36/32	51/51	43/38/34	53/53
	Energy Efficiency Ratio	Cooling	W/W	3.21		3.21	
Heating		3.41		3.22			
Power		ph-V-Hz	1-220/240-50		1-220/240-50		
Power	Power Consumption	Cooling	W	840	1,090		
		Heating		850	1,180		
	Operating Current	Cooling	A	3.9	5.0		
		Heating		3.7	5.4		
	Power Factor	Cooling	%	93.6	94.8		
		Heating		99.9	95.0		
	Starting Current		A	21	28		
	Power Cord	Length		m	2.1	2.1	
Number of Core Wire			5G	5G			
Capacity		A	250V-10A	250V-10A			
Size	Outer Dimension	Width x Height x Depth	mm	950 x 268 x 165	790 x 548 x 285	950 x 268 x 165	790 x 548 x 285
			inch	37.4 x 10.6 x 6.5	31.1 x 21.6 x 11.2	37.4 x 10.6 x 6.5	31.1 x 21.6 x 11.2
	Weight(Net)		kg	9.0	33.8	9.0	36.0
	Refrigerant Pipe	Liquid	mm x L(m)	ø6.35 x 7.5		ø6.35 x 7.5	
		Gas	mm x L(m)	ø9.52 x 7.5		ø9.52 x 7.5	
	Drain Hose		D x L(mm)	ø18 x 550		ø18 x 550	
	Compressor	Type		Rotary, G4A091JU		Rotary, G8C124JU	
		Motor	Type	Induction Motor(PSC)		Induction Motor(PSC)	
			Rated Output	930		1,267	
	Oil Type			DAPHNE FV68S(PVE)		DAPHNE FV68S(PVE)	
Blower	Type		Cross-flow	Propeller	Cross-flow	Propeller	
	Motor	Type	Resin / steel	steel	Resin / steel	steel	
		Rated Output	W	15	50	15	50
Heat Exchanger			2ROW 12STEP	1ROW 24STEP	2ROW 12STEP	2ROW 24STEP	
Refrigerant Control Unit			CAPILLARY TUBE		CAPILLARY TUBE		
Freezer Oil Capacity		cc	280		500		
Refrigerant to Change(R410A)		g	730		950		
Protection Device(OLP)			RBC12054-12500		RBC12128-12500		
Cooling Test Condition			INDOOR UNIT : DB27°C WB19°C		OUTDOOR UNIT : DB35°C WB24°C		
Maximum Operation Condition			INDOOR UNIT : DB32°C WB23°C		OUTDOOR UNIT : DB43°C WB26°C		