

1. Product Specifications

1-1 Table

Item			Model	SH09AWH		SH12AWH	
				Indoor unit	Outdoor unit	Indoor unit	Outdoor unit
Type				Wall-mounted		Wall-mounted	
Performance	Cooling		kW	2.75		3.5	
	Heating		kW	2.90		4.2	
	Dehumidifying		ℓ/h	1.0		1.4	
	Air Volume	Cooling	m ³ /min	7.3	25	8.3	25
		Heating		8.0	25	9.0	25
	Noise	Cooling	dB	38 / 36 / 34	51 / 51	41 / 39 / 37	53 / 53
		Heating		38 / 36 / 34	51 / 51	41 / 39 / 37	53 / 53
	Energy Efficiency Ratio	Cooling	W/W	2.81		2.82	
Heating		3.22		3.23			
Power		V-Hz	1-220 / 240-50		1-220 / 240-50		
Power	Power Consumption	Cooling	W	980		1,240	
		Heating		900		1,300	
	Operating Current	Cooling	A	4.5		5.7	
		Heating		4.5		5.7	
	Power Factor	Cooling	%	96.5		98.3	
		Heating		95.5		98.0	
	Starting Current		A	21.0		30.0	
	Power Cord	Length		m	-		-
Number of Core Wire			-		-		
Capacity		A	250V-10A		250V-10A		
Size	Outer Dimension	Width x Height x Depth	mm	825 x 285 x 189	720 x 548 x 265	825 x 285 x 189	720 x 548 x 265
			inch	32.5 x 11.2 x 7.44	28.4 x 21.6 x 10.4	32.5 x 11.2 x 7.44	28.4 x 21.6 x 10.4
	Weight(Net)		kg	8.2	31.3	8.4	33.8
	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		Rotary	
		Motor	Type	Induction Motor(PSC)		Induction Motor(PSC)	
			Rated Output	900		1,075	
	Oil Type			DAPHNE FV68S(PVE)		DAPHNE FV68S(PVE)	
	Blower	Type		Cross-flow	Propeller	Cross-flow	Propeller
		Motor	Type	steel	steel	steel	steel
Rated Output			W	15	50	15	50
Heat Exchanger				2ROW 14STEP	1ROW 24STEP	2ROW 14STEP	2ROW 24STEP
Refrigerant Control Unit				CAPILLARY TUBE		CAPILLARY TUBE	
Freezer Oil Capacity		cc	350		520		
Refrigerant to Change(R410A)		g	650		1,020		
Protection Device(O LP)				MRA99134-9201		MRA99908-9201	
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	

Table(cont.)

Item			Model	SH09ZWH		SH12ZWH	
				Indoor unit	Outdoor unit	Indoor unit	Outdoor unit
Type				Wall-mounted		Wall-mounted	
Performance	Cooling		kW	2.70		3.5	
	Heating		kW	2.90		4.0	
	Dehumidifying		ℓ/h	1.0		1.4	
	Air Volume	Cooling	m ³ /min	7.3	25	8.3	25
		Heating		8.0	25	9.0	25
	Noise	Cooling	dB	38 / 36 / 34	51 / 51	41 / 39 / 37	53 / 53
		Heating		38 / 36 / 34	51 / 51	41 / 39 / 37	53 / 53
	Energy Efficiency Ratio	Cooling	W/W	2.70		2.99	
Heating		3.22		3.48			
Power		V-Hz	1-220 / 240-50		1-220 / 240-50		
Power	Power Consumption	Cooling	W	1,000		1,170	
		Heating		900		1,150	
	Operating Current	Cooling	A	4.5		5.2	
		Heating		4.0		5.2	
	Power Factor	Cooling	%	98.2		96.9	
		Heating		99.1		96.2	
	Starting Current		A	21.0		30.0	
	Power Cord	Length		m	-		-
Number of Core Wire			-		-		
Capacity		A	250V-10A		250V-10A		
Size	Outer Dimension	Width x Height x Depth	mm	825 x 285 x 189	720 x 548 x 265	825 x 285 x 189	720 x 548 x 265
			inch	32.5 x 11.2 x 7.44	28.4 x 21.6 x 10.4	32.5 x 11.2 x 7.44	28.4 x 21.6 x 10.4
	Weight(Net)		kg	8.2	31.3	8.4	33.8
	Refrigerant Pipe	Liquid	mm x L(m)	ø6.35 x 5.0		ø6.35 x 5.0	
		GAS	mm x L(m)	ø9.52 x 5.0		ø12.70 x 5.0	
	Drain Hose		D x L(mm)	ø18 x 550		ø18 x 550	
	Compressor	Type		Rotary		Rotary	
		Motor	Type	Induction Motor(PSC)		Induction Motor(PSC)	
			Rated Output	1,005		1,206	
	Oil Type			SUNISO-4GSD		SUNISO-4GSD	
	Blower	Type		Cross-flow	Propeller	Cross-flow	Propeller
		Motor	Type	steel	steel	steel	steel
Rated Output			W	15	50	15	50
Heat Exchanger				2ROW 14STEP	1ROW 24STEP	2ROW 14STEP	2ROW 24STEP
Refrigerant Control Unit				CAPILLARY TUBE		CAPILLARY TUBE	
Freezer Oil Capacity		cc	360		600		
Refrigerant to Change(R22)		g	580		980		
Protection Device(OLP)				RAC12110-9622		RAC12074-9622	
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	

Table(cont.)

Item			Model	AQ09WHWE		AQ12WHWE	
				Indoor unit	Outdoor unit	Indoor unit	Outdoor unit
Type				Wall-mounted		Wall-mounted	
Performance	Cooling		kW	2.70		3.5	
	Heating		kW	2.90		4.0	
	Dehumidifying		ℓ/h	1.0		1.4	
	Air Volume	Cooling	m ³ /min	7.3	25	8.3	25
		Heating		8.0	25	9.0	25
	Noise	Cooling	dB	38 / 36 / 34	51 / 51	41 / 39 / 37	53 / 53
		Heating		38 / 36 / 34	51 / 51	41 / 39 / 37	53 / 53
	Energy Efficiency Ratio	Cooling	W/W	2.70		2.99	
Heating		3.22		3.48			
Power		V-Hz	1-220 / 240-50		1-220 / 240-50		
Power	Power Consumption	Cooling	W	1,000		1,170	
		Heating		900		1,150	
	Operating Current	Cooling	A	4.5		5.2	
		Heating		4.0		5.2	
	Power Factor	Cooling	%	98.2		96.9	
		Heating		99.1		96.2	
	Starting Current		A	21.0		30.0	
	Power Cord	Length		m	-		-
Number of Core Wire			-		-		
Capacity		A	250V-10A		250V-10A		
Size	Outer Dimension	Width x Height x Depth	mm	825 x 285 x 189	720 x 548 x 265	825 x 285 x 189	720 x 548 x 265
			inch	32.5 x 11.2 x 7.44	28.4 x 21.6 x 10.4	32.5 x 11.2 x 7.44	28.4 x 21.6 x 10.4
	Weight(Net)		kg	8.2	33.0	8.4	33.8
	Refrigerant Pipe	Liquid	mm x L(m)	ø6.35 x 5.0		ø6.35 x 5.0	
		GAS	mm x L(m)	ø9.52 x 5.0		ø12.70 x 5.0	
	Drain Hose		D x L(mm)	ø18 x 550		ø18 x 550	
	Compressor	Type		Rotary		Rotary	
		Motor	Type	Induction Motor(PSC)		Induction Motor(PSC)	
			Rated Output	1,005		1,206	
	Oil Type			SUNISO-4GSD		SUNISO-4GSD	
	Blower	Type		Cross-flow	Propeller	Cross-flow	Propeller
Motor		Type	steel	steel	steel	steel	
		Rated Output	W	15	50	15	50
Heat Exchanger			2ROW 14STEP	1ROW 24STEP	2ROW 14STEP	2ROW 24STEP	
Refrigerant Control Unit			CAPILLARY TUBE		CAPILLARY TUBE		
Freezer Oil Capacity		cc	360		600		
Refrigerant to Change(R22)		g	580		980		
Protection Device(O LP)			RAC12110-9622		RAC12074-9622		
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		

Table(cont.)

Item			Model	KFR-25G / SWA		KFR-35G / SWA	
				Indoor unit	Outdoor unit	Indoor unit	Outdoor unit
Type				Wall-mounted		Wall-mounted	
Performance	Cooling		kW	2.65		3.5	
	Heating		kW	2.90		4.0	
	Dehumidifying		ℓ/h	1.0		1.4	
	Air Volume	Cooling	m³/min	7.3	25	8.3	25
		Heating		8.0	25	9.0	25
	Noise	Cooling	dB	38 / 36 / 34	51 / 51	41 / 39 / 37	53 / 53
		Heating		38 / 36 / 34	51 / 51	41 / 39 / 37	53 / 53
	Energy Efficiency Ratio	Cooling	W/W	2.65		2.99	
Heating		3.22		3.48			
Power		V-Hz	1-220-50		1-220-50		
Power	Power Consumption	Cooling	W	1,000		1,170	
		Heating		900		1,150	
	Operating Current	Cooling	A	4.6		5.8	
		Heating		4.1		5.8	
	Power Factor	Cooling	%	97		92	
		Heating		97		92	
	Starting Current		A	21.0		30.0	
	Power Cord	Length		m	-		-
Number of Core Wire			-		-		
Capacity		A	250V-10A		250V-16A		
Size	Outer Dimension	Width x Height x Depth	mm	825 x 285 x 189	720 x 548 x 265	825 x 285 x 189	720 x 548 x 265
			inch	32.5 x 11.2 x 7.44	28.4 x 21.6 x 10.4	32.5 x 11.2 x 7.44	28.4 x 21.6 x 10.4
	Weight(Net)		kg	8.2	31.3	8.4	33.8
	Refrigerant Pipe	Liquid	mm x L(m)	ø6.35 x 4.0		ø6.35 x 4.0	
		GAS	mm x L(m)	ø9.52 x 4.0		ø12.70 x 4.0	
	Drain Hose		D x L(mm)	ø18 x 550		ø18 x 550	
	Compressor	Type		Rotary(SAMSUNG)		Rotary(SAMSUNG)	
		Motor	Type	Induction Motor(PSC)		Induction Motor(PSC)	
			Rated Output	990		1,210	
	Oil Type			SUNISO-4GSD/NOC		SUNISO-4GSD/NOC	
	Blower	Type		Cross-flow	Propeller	Cross-flow	Propeller
		Motor	Type	steel	steel	steel	steel
Rated Output			W	15	50	15	50
Heat Exchanger				2ROW 14STEP	1ROW 24STEP	2ROW 14STEP	2ROW 24STEP
Refrigerant Control Unit				CAPILLARY TUBE		CAPILLARY TUBE	
Freezer Oil Capacity		cc	360		600		
Refrigerant to Change(R22)		g	600		950		
Protection Device(OLP)				RAC12054-9622		RAC12074-9622	
Cooling Test Condition				INDOOR UNIT : DB27°C WB19°C		OUTDOOR UNIT : DB35°C WB24°C	
Maximum Operation Condition				INDOOR UNIT : DB32°C WB27.5°C		OUTDOOR UNIT : DB43°C WB33°C	