

1. Product Specifications

1-1 Table

Item		Model	SH18ZS0A / AQ18S0GEA				AQT18S0GBA				
			Cool		Heat		Cool		Heat		
Power Source			220-240V~,50Hz				220V~,60Hz				
Performance	Capacity (ISO/SASO)		18,000 BTU/h	-	20,000 BTU/h	-	18,000 BTU/h	4,000 kcal/h	20,000 BTU/h	5,040 kcal/h	
	Air Circulation (High)	m ³ /min	13.5		14.0		13.5		14.0		
	Moisture Removal (High)	Liters/h	2.5				2.5				
Electrical Rating	Available Voltage Range	V	198~264				187~253				
	Running Amperes	A	7.8		7.8		8.5		9.5		
	Power Input	kW	1.75		1.74		1.87		2.10		
	Power Factor	%	98.1		97.0		99.0		99.0		
	Energy Efficiency Ratio	BTU/wh	10.23		11.49		9.63		9.52		
	Compressor Locked Rotor Amperes	A	35				35				
	Controls / Temperature Control		Microprocessor / Thermistor				Microprocessor / Thermistor				
Control Unit		Wireless remote control				Wireless remote control					
Timer		24-Hour ON / OFF				24-Hour ON / OFF					
Fan Speed		3 Steps and Turbo / 2 Step				3 Steps and Turbo / 2 Step					
Airflow Direction (Indoor)	Horizontal		Manual				Manual				
	Vertical		Auto				Auto				
Compressor		Rotary(Samsung)				Rotary(Samsung)					
Refrigerant / Amount Charged at Rating	g	R22 / 1,150g				R22 / 1,570g					
Refrigerant Control		Capillary tube				Capillary tube					
Operation Sound	Indoor Hi/Mi/Low	dB-A	46 / 44 / 42				48 / 46 / 44				
	Outdoor-Hi	dB-A	57				58				
Refrigerant Tubing Connections		Flare type				Flare type					
Max. Allowable Tubing Length	m	15				15					
Refrigerant Tube Diameter	Narrow Tube	(in.)	6.35(1/4")				6.35(1/4")				
	Wide Tube	(in.)	12.70(1/2")				12.70(1/2")				
Refrigerant Tube Kit / Accessories			Optional / Hanger-plate				Optional / Hanger-plate				
			Indoor unit		Outdoor unit		Indoor unit		Outdoor unit		
Dimensions & Weight	Unit Dimensions	Height	mm	315		620		315		620	
		Width	mm	1,080		787		1,080		787	
		Depth	mm	205		320		205		320	
	Package Dimensions	Height	mm	286		692		286		692	
		Width	mm	1,151		909		1,151		909	
		Depth	mm	397		444		397		444	
	Weight	Net	kg	13		45		13		54	
		Shipping	kg	16		49		16		58	

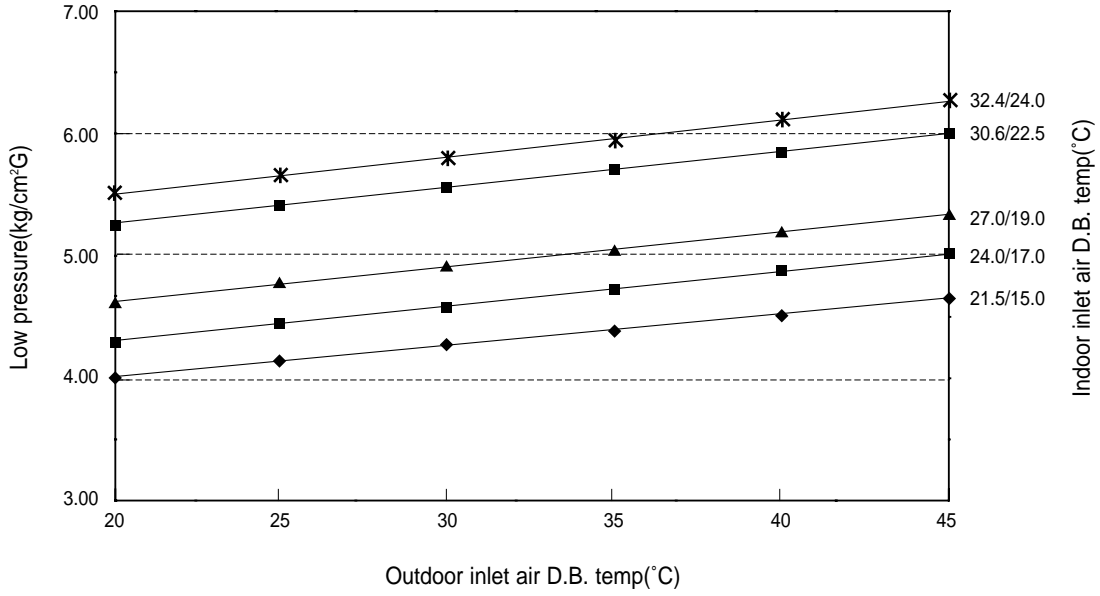
Table(cont.)

Item	Model	AQ18S0GBA				AQT18S0GEA						
		Cool		Heat		Cool		Heat				
Power Source		220V~,60Hz				220-240V~,50Hz						
Performance	Capacity (ISO/SASO)	18,000 BTU/h	-	19,000 BTU/h	-	18,000 BTU/h	4,000 kcal/h	20,000 BTU/h	5,040 kcal/h			
	Air Circulation (High)	m ³ /min		13.5		14.0		13.5		14.0		
	Moisture Removal (High)	Liters/h		2.5		2.5		2.5		2.5		
Electrical Rating	Available Voltage Range	V		187~253		198~264		198~264		198~264		
	Running Amperes	A		8.3		9.0		8.0		8.8		
	Power Input	kW		1.77		2.00		1.85		2.00		
	Power Factor	%		96.9		98.6		97.9		98.8		
	Energy Efficiency Ratio	BTU/wh		10.16		9.5		9.73		10.00		
	Compressor Locked Rotor Amperes	A		35		35		35		35		
	Controls / Temperature Control			Microprocessor / Thermistor		Microprocessor / Thermistor		Microprocessor / Thermistor		Microprocessor / Thermistor		
Control Unit			Wireless remote control		Wireless remote control		Wireless remote control		Wireless remote control			
Timer			24-Hour ON / OFF		24-Hour ON / OFF		24-Hour ON / OFF		24-Hour ON / OFF			
Fan Speed			3 Steps and Turbo / 2 Step		3 Steps and Turbo / 2 Step		3 Steps and Turbo / 2 Step		3 Steps and Turbo / 2 Step			
Airflow Direction (Indoor)	Horizontal		Manual		Manual		Manual		Manual			
	Vertical		Auto		Auto		Auto		Auto			
Compressor			Rotary(Samsung)		Rotary(Samsung)		Rotary(Samsung)		Rotary(Samsung)			
Refrigerant / Amount Charged at Rating	g		R22 / 1,210g		R22 / 1,650g		R22 / 1,650g		R22 / 1,650g			
Refrigerant Control			Capillary tube		Capillary tube		Capillary tube		Capillary tube			
Operation Sound	Indoor Hi/Mi/Low	dB-A		46 / 44 / 42		48 / 46 / 44		48 / 46 / 44		48 / 46 / 44		
	Outdoor-Hi	dB-A		58		58		58		58		
Refrigerant Tubing Connections			Flare type		Flare type		Flare type		Flare type			
Max. Allowable Tubing Length	m		15		15		15		15			
Refrigerant Tube Diameter	Narrow Tube	(in.)		6.35(1/4")		6.35(1/4")		6.35(1/4")		6.35(1/4")		
	Wide Tube	(in.)		12.70(1/2")		12.70(1/2")		12.70(1/2")		12.70(1/2")		
Refrigerant Tube Kit / Accessories			Optional / Hanger-plate		Optional / Hanger-plate		Optional / Hanger-plate		Optional / Hanger-plate			
			Indoor unit		Outdoor unit		Indoor unit		Outdoor unit			
Dimensions & Weight	Unit Dimensions	Height	mm		315		620		315		620	
		Width	mm		1,080		787		1,080		787	
		Depth	mm		205		320		205		320	
	Package Dimensions	Height	mm		286		692		286		692	
		Width	mm		1,151		909		1,151		909	
		Depth	mm		397		444		397		444	
	Weight	Net	kg		13		45		13		54	
		Shipping	kg		16		49		16		58	

SH24ZS6A / AQ24S6GEA				AQ24S6GBA				AQT24S6GBA				AQT24S6GEA			
Cool		Heat		Cool		Heat		Cool		Heat		Cool		Heat	
220-240V~,50Hz				220V~,60Hz				220V~,60Hz				220-240V~,50Hz			
6.8 kW	-	7.0 kW	-	24,000 BTU/h	-	25,000 BTU/h	-	24,000 BTU/h	5,040 kcal/h	24,000 BTU/h	6,048 kcal/h	6.8 kW	-	6.9 kW	-
14.0		14.5		14.0		14.5		14.0		14.5		14.0		14.5	
3.0				3.0				3.0				3.0			
198~264				187~253				187~253				198~264			
11.2		11.8		10.5		11.5		13		13.5		11.5		11.5	
2.42		2.65		2.30		2.55		2.6		2.8		2.78		2.82	
92.6		92.6		99.6		96.6		90.9		94.3		92.6		92.6	
9.6		9.1		10.4		9.4		9.2		8.6		9.4		9.6	
82				51				73				82			
Microprocessor / Thermistor				Microprocessor / Thermistor				Microprocessor / Thermistor				Microprocessor / Thermistor			
Wireless remote control				Wireless remote control				Wireless remote control				Wireless remote control			
24-Hour ON / OFF				24-Hour ON / OFF				24-Hour ON / OFF				24-Hour ON / OFF			
3 Steps and Turbo / 2 Step				3 Steps and Turbo / 2 Step				3 Steps and Turbo / 2 Step				3 Steps and Turbo / 2 Step			
Manual				Manual				Manual				Manual			
Auto				Auto				Auto				Auto			
Rotary(Samsung)				Rotary(Samsung)				Reciprocation(Tecumseh)				Reciprocation(Bristol)			
R22 / 1,370g				R22 / 1,350g				R22 / 1,600g				R22 / 1,300g			
Capillary tube				Capillary tube				Capillary tube				Capillary tube			
48 / 46 / 44				50 / 48 / 46				48 / 46 / 44				48 / 46 / 44			
61				62				61				61			
Flare type				Flare type				Flare type				Flare type			
20				20				20				20			
6.35(1/4")				6.35(1/4")				6.35(1/4")				6.35(1/4")			
15.88(5/8")				15.88(5/8")				15.88(5/8")				15.88(5/8")			
Optional / Hanger-plate				Optional / Hanger-plate				Optional / Hanger-plate				Optional / Hanger-plate			
Indoor unit	Outdoor unit			Indoor unit	Outdoor unit			Indoor unit	Outdoor unit			Indoor unit	Outdoor unit		
315	638			315	638			315	638			315	638		
1,080	880			680	880			1,080	880			1,080	880		
205	310			415	310			205	310			205	310		
286	704			1,122	704			286	704			286	704		
1,151	1,023			895	1,023			1,151	1,023			1,151	1,023		
397	413			429	413			397	413			397	413		
13	64.5			13	64			13	64.5			13	64.5		
16	68.5			16	68			16	68.5			16	68.5		

1-2 Pressure Graph

■ 18K BTU



■ 24K BTU

