

1. Product Specifications

1-1 Table

Item		Model	SH18ZP0B / AQ18P0GEA				AQ18P0GBA				
			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	-	19,000 BTU/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		8.3		9.0		
	Power Input	kW	1.75		1.74		1.77		2.00		
	Power Factor	%	98.1		97.0		96.9		98.6		
	Energy Efficiency Ratio	BTU/wh	10.23		11.49		10.16		9.5		
	Compressor Locked Rotor Amperes	A	35				35				
Features	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 / 1,210g			
	Refrigerant Control		Capillary tube				Capillary tube				
	Operation Sound	Indoor Hi/Mi/Low	dB-A	46 / 44 / 42				46 / 44 / 42			
		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	45				
Shipping		kg	16	49	16	49					

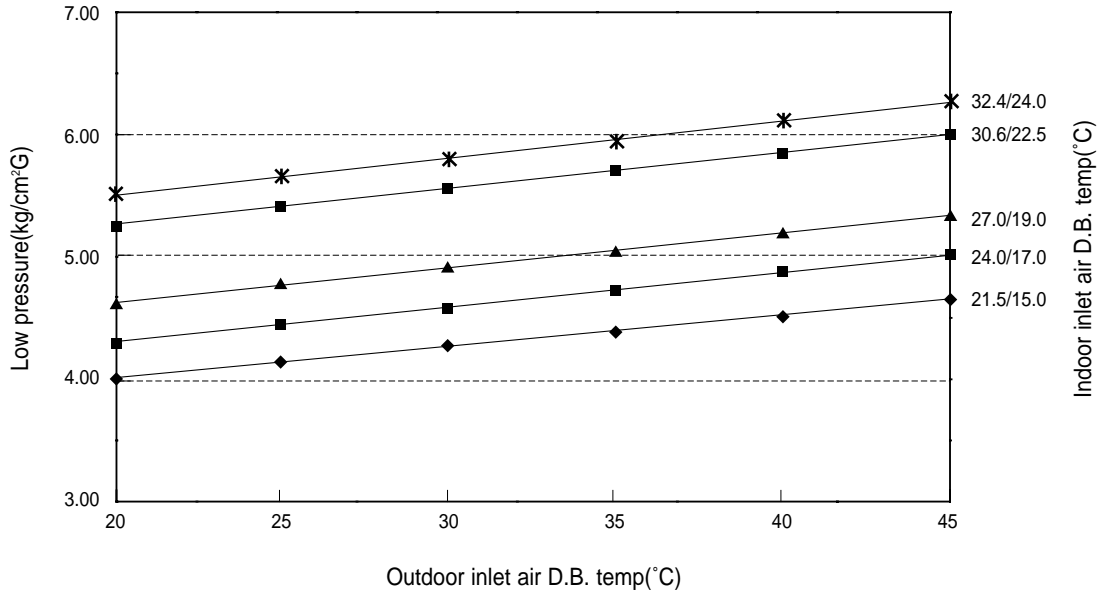
Table(cont.)

Item		Model	AQT18P0GBA				AQT18P0GEA				
			Cool		Heat		Cool		Heat		
Power Source			220V~,60Hz				220-240V~,50Hz				
Performance	Capacity (ISO/SASO)		18,000 BTU/h	4,000 kcal/h	20,000 BTU/h	5,040 kcal/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	187~253				198~264				
	Running Amperes	A	8.5		9.5		8.0		8.8		
	Power Input	kW	1.87		2.10		1.85		2.00		
	Power Factor	%	99.0		99.0		97.9		98.8		
	Energy Efficiency Ratio	BTU/wh	9.63		9.52		9.73		10.00		
	Compressor Locked Rotor Amperes	A	35				35				
Features	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 / 1,570g				R22 / 1,650g			
	Refrigerant Control		Capillary tube				Capillary tube				
	Operation Sound	Indoor Hi/Mi/Low	dB-A	48 / 46 / 44				48 / 46 / 44			
		Outdoor-Hi	dB-A	58				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	54	13	54				
Shipping		kg	16	58	16	58					

SH24ZP6B / AQ24P6GEA				AQ24P6GBA				AQT24P6GBA				AQT24P6GEA			
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

