

## 2-2 Product Specifications

Item				Model	CH070CAV1	UH070CAV1
						Indoor Unit
Type				Cassette-type		
Performance	Cooling(MIN/STD/MAX)		Btu/h	7,500/24,000/28,500		
	Heating(MIN/STD/MAX)		Btu/h	6,500/27,000/37,000		
	Dehumidifying		gal/h	0.71		
	Air Volume	Cooling	ft <sup>3</sup> /min (H/M/L)	773/685/646		1413
		Heating		788/766/675		1413
	Noise	Cooling	dB (H/M/L)	45		60
		Heating		45		60
	SEER/HSPF Ratio	Cooling	Btu/h	17.0		
Heating		9.9				
Power		ph/V/Hz	1/208-230V~/60Hz			
Power	Power Consumption	Cooling	W	2,250		
		Heating		2,300		
	Operating Current	Cooling	A	10.2		
		Heating		10.3		
	Power Factor	Cooling	%	95		
		Heating		95		
Size	Outer Dimension		WXHxD	mm	840x218x840	880x798x310
				inch	33.1x8.6x33.1	34.6x31.4x12.2
	Weight(Net)		lb	68		126
	Compressor	Model		G8T260FUAEW		
		Motor	Type	TWIN BLDC		
	Oil Type		POE			
	Blower	Type		Turbo Fan		Propeller
		Motor	Type	Resin		AL
			Rated Output	W	35	
	Piping	Pipe O.D Size		Liquid	mm(inch)xL(ft)	
Gas				mm(inch)xL(ft)		15.88(5/8)x16.4
Connection Method		Flare				
Between		Height	ft	Max.98.4		
	Pipe Length	ft	Max.164.0			
Heat Exchanger				2ROW 8STEP	2ROW 36STEP	
Refrigerant Control Unit				EEV		
Freezer Oil Capacity		gal	0.18			
Refrigerant to Change(R410A)		oz	67.0(0.32oz/ft)			
Protection Device(OLP)				Internal		
Cooling Test Condition				INDOOR UNIT : DB80.6 °F WB66.2 °F    OUTDOOR UNIT : DB95 °F WB75.2 °F		
Heating Test Condition				INDOOR UNIT : DB68 °F WB59 °F    OUTDOOR UNIT : DB44.6 °F WB42.8 °F		

Item				Model		CH105CAV	UH105CAV
						Indoor unit	Outdoor unit
Type				Cassette-type			
Performance	Cooling(MIN/STD/MAX)		Btu/h	11,000/36,000/41,000			
	Heating(MIN/STD/MAX)		Btu/h	9,200/38,000/50,000			
	Dehumidifying		gal/h	4.76			
	Air Volume	Cooling	ft <sup>3</sup> /min (H/M/L)	784/639/509		3885	
		Heating		908/752/607		3885	
	Noise	Cooling	dB (H/M/L)	48		66	
		Heating		49		66	
	SEER/HSPF Ratio	Cooling	Btu/h	15.5			
Heating		9.5					
Power		ph/V/Hz	1/208-230V~/60Hz				
Power	Power Consumption	Cooling	W	3,400			
		Heating		3,400			
	Operating Current	Cooling	A	14.5			
		Heating		14.7			
	Power Factor	Cooling	%	92			
		Heating		92			
Size	Outer Dimension		WXHxD	mm	840x298x840	932X1128X375	
				inch	33.1x9.1x33.1	36.7X44.4X14.8	
	Weight(Net)			lb	64	198	
	Compressor	Model		G5T360FUAEK			
		Motor	Type	TWIN BLDC			
	Oil Type		FREOL $\alpha$ 68ES-T Ze-GLES RB68-EP				
	Blower	Type		TURBO-FAN		Propeller	
Motor		Type	AL		AL		
		Rated Output	W	100	165		
Piping	Pipe O.D Size		Liquid	mm(inch)xL(ft)	9.52(3/8")x24.6		
			Gas	mm(inch)xL(ft)	15.88(5/8")x24.6		
	Connection Method		Flare				
	Between	Height	ft	Max.98.4			
Pipe Length		ft	Max.246.1				
Heat Exchanger				2ROW 13STEP	2ROW 52STEP		
Refrigerant Control Unit				EEV			
Freezer Oil Capacity			gal	0.29			
Refrigerant to Change(R410A)			oz	98.8(0.43oz/ft)			
Protection Device(OLP)				Internal			
Cooling Test Condition				INDOOR UNIT : DB80.6°F WB66.2°F OUTDOOR UNIT : DB95°F WB75.2°F			
Heating Test Condition				INDOOR UNIT : DB68°F WB59°F OUTDOOR UNIT : DB44.6°F WB42.8°F			

Item			Model		CH140CAV	UH140CAV
					Indoor unit	Outdoor unit
Type			Cassette-type			
Performance	Cooling(MIN/STD/MAX)		Btu/h	13,800/48,000/52,500		
	Heating(MIN/STD/MAX)		Btu/h	11,500/54,500/59,000		
	Dehumidifying		gal/h	1.48		
	Air Volume	Cooling	ft <sup>3</sup> /min (H/M/L)	879/788/703		3885
		Heating		1070/978/869		3885
	Noise	Cooling	dB (H/M/L)	49		66
		Heating		50		66
	SEER/HSPF Ratio	Cooling	Btu/h	15.5		
Heating		8.4				
Power		ph/V/Hz	1/208-230V~/60Hz			
Power	Power Consumption	Cooling	W	5,100		
		Heating		5,200		
	Operating Current	Cooling	A	22.0		
		Heating		23.0		
	Power Factor	Cooling	%	92		
		Heating		92		
Size	Outer Dimension		WXHxD	mm	840x298x840	932X1128X375
				inch	33.1x9.1x33.1	36.7X44.4X14.8
	Weight(Net)		lb	64	207	
	Compressor	Model		G5T450FUAEX		
		Motor	Type	TWIN BLDC		
	Oil Type		FREOLα 68ES-T Ze-GLES RB68-EP			
	Blower	Type			TURBO-FAN	Propeller
			Motor	Type	AL	AL
Rated Output		W		100	165	
Piping	Pipe O.D Size		Liquid	mm(inch)xL(ft)	9.52(3/8")x24.6	
			Gas	mm(inch)xL(ft)	19.05(3/4")x24.6	
	Connection Method		Flare			
	Between	Height	ft	Max.98.4		
Pipe Length		ft	Max.246.1			
Heat Exchanger			2ROW 13STEP		2ROW 52STEP	
Refrigerant Control Unit			EEV			
Freezer Oil Capacity		gal	0.29			
Refrigerant to Change(R410A)		oz	98.8(0.43oz/ft)			
Protection Device(OLP)			Internal			
Cooling Test Condition			INDOOR UNIT : DB80.6 °F WB66.2 °F    OUTDOOR UNIT : DB95 °F WB75.2 °F			
Heating Test Condition			INDOOR UNIT : DB68 °F WB59 °F    OUTDOOR UNIT : DB44.6 °F WB42.8 °F			