

2-2 Product Specifications

■ DH105CAV

Item				Model		DH105CAV	UH105CAV
						Indoor unit	Outdoor unit
Type				DUCT			
Performance	Cooling(MIN/STD/MAX)		Btu/h	9,900/36,000/39,000			
	Heating(MIN/STD/MAX)		Btu/h	11,500/38,200/52,000			
	Dehumidifying		gal/h	1			
	Air Volume	Cooling	ft ³ /min (H/M/L)	784/640/510		3880	
		Heating		910/750/610		3880	
	Noise	Cooling	dB (H/M/L)	48		66	
		Heating		49		66	
	SEER/HSPF	Cooling	Btu/Wh	15.2			
Heating		9.3					
Power		ph/V/Hz	1/208-230V~/60Hz				
Power	Power Consumption	Cooling	W	3,400			
		Heating		3,300			
	Operating Current	Cooling	A	15.2			
		Heating		14.5			
	Power Factor	Cooling	%	92			
		Heating		92			
Size	Outer Dimension		WxHxD	mm	1150x320x480		932X1128X375
				inch	45.3x12.6x18.9		36.7X44.4X14.8
	Weight(Net)		lb	86		198	
	Compressor	Model		G5T360FUA EK			
		Motor	Type		TWIN BLDC		
			Rated Output		-		
	Oil Type		FREOLα 68ES-T Ze-GLES RB68-EP				
	Blower	Type		TURBO-FAN		Propeller	
		Motor	Type		AL		
			Rated Output	W	389		165x2
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				
Heat Exchanger				3ROW 16STEP		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)				-			
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			

■ DH140CAV

Item				Model		
				DH140CAV	UH140CAV	
				Indoor unit	Outdoor unit	
Type				DUCT		
Performance	Cooling(MIN/STD/MAX)		Btu/h	10,000/48,000/52,600		
	Heating(MIN/STD/MAX)		Btu/h	15,400/54,600/61,000		
	Dehumidifying		gal/h	1.35		
	Air Volume	Cooling	ft ³ /min (H/M/L)	1,260/1,090/970	3880	
		Heating		1,300/1,110/925	3880	
	Noise	Cooling	dB (H/M/L)	49	66	
		Heating		50	66	
	SEER/HSPF	Cooling	Btu/Wh	13.6		
Heating		9.1				
Power		ph/V/Hz	1/208-230V~/60Hz			
Power	Power Consumption	Cooling	W	5,100		
		Heating		4,750		
	Operating Current	Cooling	A	22.0		
		Heating		20.7		
	Power Factor	Cooling	%	92		
		Heating		92		
Size	Outer Dimension		WxHxD	mm	1200x360x650	932X1128X375
				inch	47.2x14.2x25.6	36.7X44.4X14.8
	Weight(Net)			lb	121	207
	Compressor	Model		GST450FUAEX		
		Motor	Type	TWIN BLDC		
			Rated Output	-		
	Oil Type			FREOLa 68ES-T Ze-GLES RB68-EP		
	Blower	Type		TURBO-FAN		Propeller
		Motor	Type	AL		AL
			Rated Output	W	610	165x2
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			
Heat Exchanger				3ROW 16STEP	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)				-		
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		