

PERFORMANCE				
ODU + AHU	Size		24K	36
	Energy Star		YES	NO
	Cooling System Tons		2	3
	Cooling Rated Capacity	Btu/h	23000	36000
	SEER		19	18
	EER	W/W	12.5	10.5
	Heating Rated Capacity (47°F)	Btu/h	23400	36000
	Heating Rated Capacity (17°F)	Btu/h	15400	21000
	Heating Maximum Capacity (17°F)	Btu/h	25100	37600
	Heating Maximum Capacity (5°F)	Btu/h	16338	22000
	Heating Maximum Capacity (-13°F)	Btu/h	10630	15000
	HSPF		10	10
	COP (47°F)	W/W	4.05	3.55
	COP (17°F)	W/W	2.75	2.51
COP (5°F)	W/W	2.39	2	
SPECIFICATION - ODU				
SYSTEM	SIZE		24	36
	OUTDOOR MODEL		CS4H-24S-1-18	CS4H-36S-1-18
ELECTRICAL	Voltage, Phase, Cycle	V/Ph/Hz	208/230-1-60	208/230-1-60
	MCA	A.	20	20
	MOCP-Fuse Rating	A.	30	30
OPERATING RANGE	Cooling Outdoor DB Min-Max	°F (°C)	50~131 (10~55)	50~131 (10~55)
	Heating Outdoor DB Min-Max	°F (°C)	-13~86(-25~30)	-13~86(-25~30)
PIPING	Total Piping Length	ft (m)	98 (30)	98 (30)
	Piping Lift	ft (m)	49 (15)	49 (15)
	Pipe Connection Size-Liquid	in (mm)	3/8" (9.52)	3/8" (9.52)
	Pipe Connection Size-Suction	in (mm)	3/4" (19.05)	3/4" (19.05)
REFRIGERANT	Type		R410A	R410A
	Charge	ozs (kg)	109.35 (3.1)	116.4 (3.3)
	Metering Device		EEV	EEV
OUTDOOR COIL	Face Area	Sq. Ft.	8.1	8.1
	No. Rows		2	3
	Fins per inch		16	18
	Circuits		4	6

OUTDOOR FAN	Material		ASG20	ASG20
	Type		JG-ZLFY-S27	JG-ZLFY-S27
OUTDOOR FAN MOTOR	Model		DRN-310-90-8	DRN-310-90-8
	Output	W	90	90
	Type		DC	DC
	Insulation Class		E	E
	Speed	REV/MIN	860/760/640/520/400/300/250	860/760/640/520/400/300/250
COMPRESSOR	Type		Rotary High Pressure Ratio Inverter	
	Mode		EKTF235D22UMT	EKTF310D43UMT
	Oil type		VG74	VG74
	Oil Charge	Fl. Oz.	22.6	33.8
	Rated Current	RLA	9.35	12.3
OUTDOOR	Unit (WxHxD)	in	40.63x31.89x17.52	
		mm	1032x810x445	
	Packing (WxHxD)	in	42.32x34.44x19.48	
		mm	1075x875x495	
	Net / Gross weight	kg	66.5/71	69.8/74.4
		lbs	146.6/156.5	153.8/163.9
Airflow	CFM	2411	2411	
	Noise Level	dB(a)	54	55
SPECIFICATION - IDU				
SYSTEM	SIZE		24K	36
	INDOOR MODEL		CAH4-24MBEE1-18	CAH4-36MBEE1-18
ELECTRICAL	Voltage, Phase, Cycle	V/Ph/Hz	208/230-1-60	208/230-1-60
	MCA	A.	5	5
CONTROLS	Control method		24V	24V
PIPING	Pipe Connection Size-Liquid	in (mm)	3/8" (9.52)	3/8" (9.52)
	Pipe Connection Size-Suction	in (mm)	3/4" (19.05)	3/4" (19.05)
INDOOR COIL	Face Area	Sq. Ft.	4.3	4.3
	No. Rows		2	2
	Fins per inch		17	17
	Circuits		8	8
INDOOR FAN MOTOR	Model		DQ-DZJ-249F-12	DQ-DZJ-373F-12
	Output	W	249	373
	Type		ECM	ECM
	Insulation Class		B	B

	Speed	REV/MIN	1050	1050
INDOOR	Unit (WxHxD)	in	19.69 x45.75x22.05	
		mm	500x1162x560	
	Packing (WxHxD)	in	22.8x47.6x25.6	
		mm	580x1210x650	
	Net / Gross weight	kg	59/65	
		lbs	130/143	
	Airflow (Lowest To Highest)	CFM	780	1300
	Sound Pressure (Lowest To Highest)	dB(A)	45	47
Max. Static Pressure	In.WG.	0.1	0.15	
Data subject to change				