



Submittal Sheet for SD Premium Series

Ducted

ASDEM4H4S24
ASDEM4H4S36
ASDEM4H4S60

Outdoor Unit

ASDCI4H4S24
ASDCI4H4S36
ASDCI4H4S60

Job Name: _____

Date: _____

Contractor: _____

Location: _____

Engineer: _____

Tag: _____

Submitted for:

☐ Approval

☐ Record

Model		ASDCI4H4S24/ ASDEM4H4S24	ASDCI4H4S36/ ASDEM4H4S36	ASDCI4H4S60/ ASDEM4H4S60
Voltage, Frequency, Phase		208/230V, 60Hz, 1P		
Cooling Capacity	Btu/h	24000(6700~26000)	36000(11800~36800)	56000(13000~57000)
	W			
Heating Capacity	Btu/h	24000(6700~26000)	36000(8900~38200)	56000(13000~57000)
	W			
Cooling Power Input	W	2200	3730	6570
Heating Power Input	W	2000	3200	5470
Cooling Current Input	A	9.6	16.5	29.5
Heating Current Input	A	8.7	14.1	23
Min. Circuit Ampacity	A	15	23	25
Max. fuse/breaker	A	25	35	50
Power Cable	No.xAWG	OU 3X12/IU 3X16	OU 3X10/IU 3X16	OU 3X10/IU 3X14
Communication Cable	No.xAWG	4X16	4X16	4X16
EER	Btu/Wh	10.9	9.55	8.55
COP	Btu/Wh	11.95	11.26	10.24
SEER	Btu/Wh	18	18	17.5
HSPF	Btu/Wh	10	11	9.5
Moisture Removal	L/h	2.2	4.5	7
	Pts/h	4.64	9.5	14.8
Cooling Operating Range	°F	5~118	5~118	5~118



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		°C	-15~48	-15~48	-15~48
Heating Operating Range		°F	-13~75	-13~75	-13~75
		°C	-25~24	-25~24	-25~24
Indoor Unit	Air Flow	CFM	852	941	1647
		m³/h	1450	1600	2800
	Indoor Noise Level	dB(A)	56	56	65
	Net Dimensions (WXHxD)	mm	500X1170X550	500X1170X550	560X1350X610
		in	19-5/8X46X21-5/8	19-5/8X46X21-5/8	22X53-1/8X24
	Gross Dimensions (WXHxD)	mm	570X1260X645	570X1260X645	630X1440X705
		in	22-1/2X49-5/8X25-3/8	22-1/2X49-5/8X25-3/8	24-7/8X56-3/4X27-3/4
	Net Weight	kg	61.5	63.5	82
		Lbs	135.5	140	180.8
	Gross Weight	kg	72	74	94.5
		Lbs	158.6	163.1	208.3
Outdoor Unit	Drainage water pipe diameter	mm	19.1	19.1	19.1
		in	3/4	3/4	3/4
	Outdoor Noise Level	dB(A)	54	56	68
	Refrigerant Oil	ml	VG74/670	VG74/670	VG74/1000
		oz	VG74/22.7	VG74/22.7	VG74/35.2
	Net Dimensions (WXHxD)	mm	860X670X310	950X840X340	950X1386X340
		in	33-7/8X26-3/8X12-1/4	37-3/8X33X13-3/8	37-3/8X54-1/2X13-3/8
	Gross Dimensions (WXHxD)	mm	990X730X450	1110X920X460	1110X1530X460
		in	39X28-3/4X17-3/4	43-3/4X36-1/4X18-1/8	43-3/4X60-1/4X18-1/8
	Net Weight	kg	51	70.5	117
		Lbs	112.4	155.1	257.7
	Gross Weight	kg	55	75.5	129
		Lbs	121.3	166.4	284.1
	Design Pressure H/L	MPa	3.8/1.6	3.8/1.6	3.8/1.6
		PSIG	550/240	550/240	550/240



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Refrigerant		R410A			
		grams	2000	2800	4050
Refrigerant Charge	oz	70.5	98.7	143	
	m	7.6	7.5	7.5	
Factory Pre-charge	ft	25	25	25	
	g/m	35	35	35	
Additional refrigerant	oz/ft	0.38	0.38	0.38	
	mm	9.52	9.52	9.52	
Outer Diameter Liquid Pipe	in	3/8	3/8	3/8	
	mm	15.88	19.05	22.22	
Outer Diameter Gas Pipe	in	5/8	3/4	7/8	
	m	50	75	75	
Max. Pipe Length	ft	164	246	246	
	m	30	30	30	
Max. Height Difference	ft	98	98	98	



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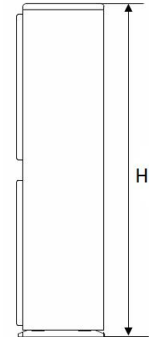
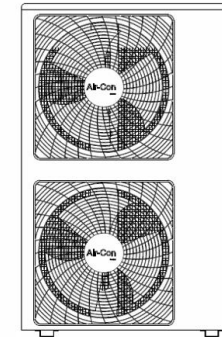
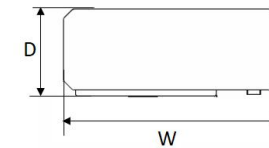
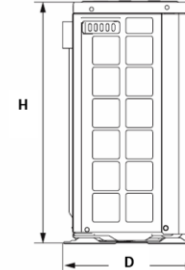
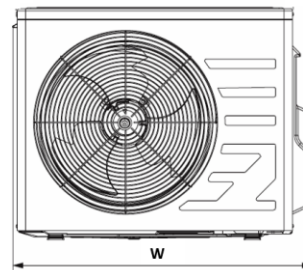
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Model	W	H	D
Units:mm			
ASDCI4H4S24	860	670	310
ASDCI4H4S36	950	840	340
ASDCI4H4S60	950	1386	340
Units:in			
ASDCI4H4S24	33-7/8	26-3/8	12-1/4
ASDCI4H4S36	37-3/8	33	13-3/8
ASDCI4H4S60	37-3/8	54-1/2	13-3/8





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Model	W	H	D
Units:mm			
ASDEM4H4S24	500	1170	550
ASDEM4H4S36	500	1170	550
ASDEM4H4S60	560	1350	610
Units:in			
ASDEM4H4S24	19-5/8	46	21-5/8
ASDEM4H4S36	19-5/8	46	21-5/8
ASDEM4H4S60	22	53-1/8	24

