



Submittal

Split System Cooling

AHU30-SG2

Location: _____
Engineer: _____
Submitted to: _____
Submitted by: _____
Reference: _____

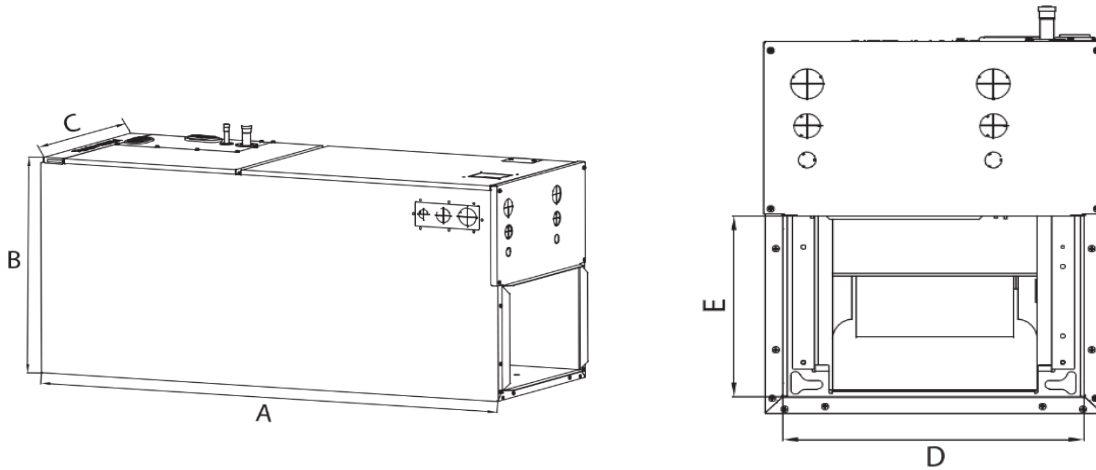
Approval: _____
Date: _____
Construction: _____
Unit # : _____
Drawing # : _____



Note:" Graphics in this document are for representation only. Actual model may differ in appearance."

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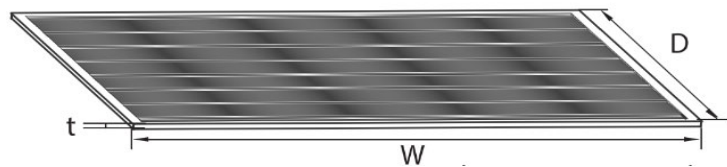
Indoor unit installation size



(unit:mm/inch)

Dimensions		Model	12K ~ 24K	30K ~ 48K	60K
Length of A	mm		1143	1245	1346
	inch		45	49	53
Length of B	mm		533	533	533
	inch		21	21	21
Length of C	mm		445	533	622
	inch		17-1/2	21	24-1/2
Length of D	mm		400	490	580
	inch		15-3/4	19-5/16	22-27/32
Length of E	mm		260	260	260
	inch		10-1/4	10-1/4	10-1/4

Recommended size of filter



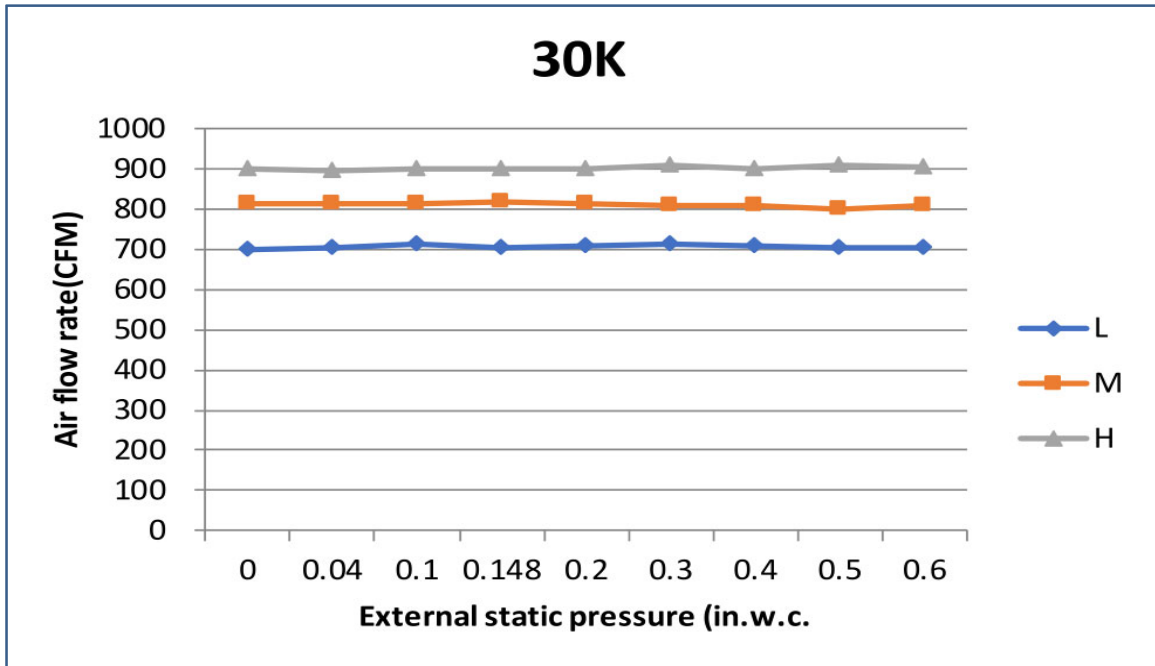
(unit:mm/inch)

Recommended size of filter		Model (Btu/h)	12K ~ 24K	30K ~ 36K	48K ~ 60K
Recommended size of filter	W	mm	406.4	495.3	584.2
		inch	16	19-1/2	23
	D	mm	508	508	508
		inch	20	20	20
	t	mm	25.4	25.4	25.4
		inch	1	1	1

SYSTEM PERFORMANCE DATA		
Power supply		
Normal Operational Voltage	(V, Ph, Hz)	208/230, 1, 60
Voltage Range	(V)	187-253
Electrical		
Minimum circuit ampacity	(A)	20
Max.fuse	(A)	35
Connection wiring		16AWG*2 Stranded, shielded
Cooling		
Power Input	(W)	2760
Rated current	(A)	12.20
Heating at 47F		
Power Input	(W)	2850
Rated current	(A)	12.40
Throttle type	Indoor unit	EEV for cooling
Indoor(cooling/ heating)	(Deg. °F)	60~90/32~86
	(Deg. °C)	16~32/0~30
Application area	(sq.ft)	430.56~635.07
	(m2)	40~59
INDOOR UNIT DATA		
Indoor fan motor		
Type		Centrifugal
Model		ZKFD-375-8-1
Qty		1
Input	(W)	168
RLA	(A)	---
LRA	(A)	---
Winding Resistance	(Ω)	---
Capacitor	(uF)	---
Speed(Hi/Mi/Lo)	(r/min)	---
Air flow & Noise level		
Indoor air flow (Hi/Med/Lo) (No duct)	(CFM)	894.12/805.88/711.76
Indoor noise level (Hi/Med/Lo)	[dB(A)]	43/40/30.5
Dehumidification	(Pint/H)	---
Indoor unit		
Dimension (WxDxH)	(inch)	21.02x21.02x49.02
	(mm)	534x534x1245
Packing(WxDxH)	(inch)	25.20x24.41x54.33
	(mm)	640x620x1380
Net/Gross weight	(lbs.)	58.6/70.6
	(kg)	129.19/155.64

Outdoor Unit	Indoor Unit	Cooling Capacity	EER2	SEER2	HSPF2-4	HSPF2-5
CPH30CD(O)	AHU30-SG2	30000(10400~33600)	9.8	16.2	8.9	7
CPR30CD(O)	AHU30-SG2	30000(9400~33000)	10.6	17.3	8.5	6.6

Fan performance



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Supersedes AHU30-SG2 (Feb.2023)

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