



Submittal

Split System Cooling

AHU30-SG2

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

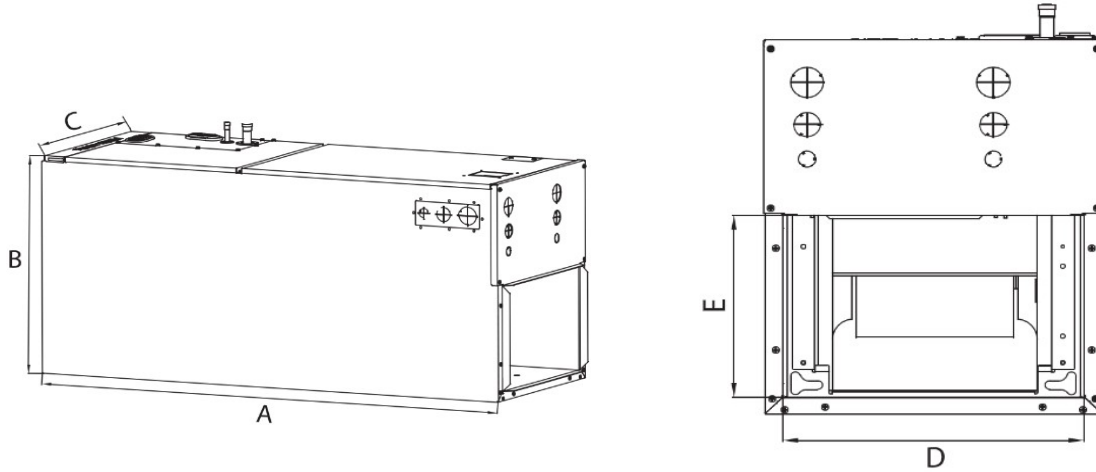
Approval: _____
Date: _____
Construction: _____
Unit # : _____
Drawing # : _____



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

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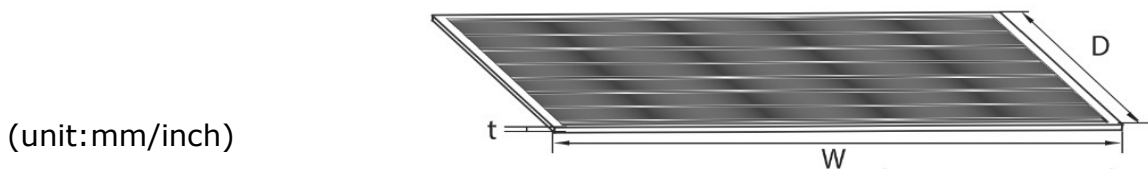
Indoor unit installation size



(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

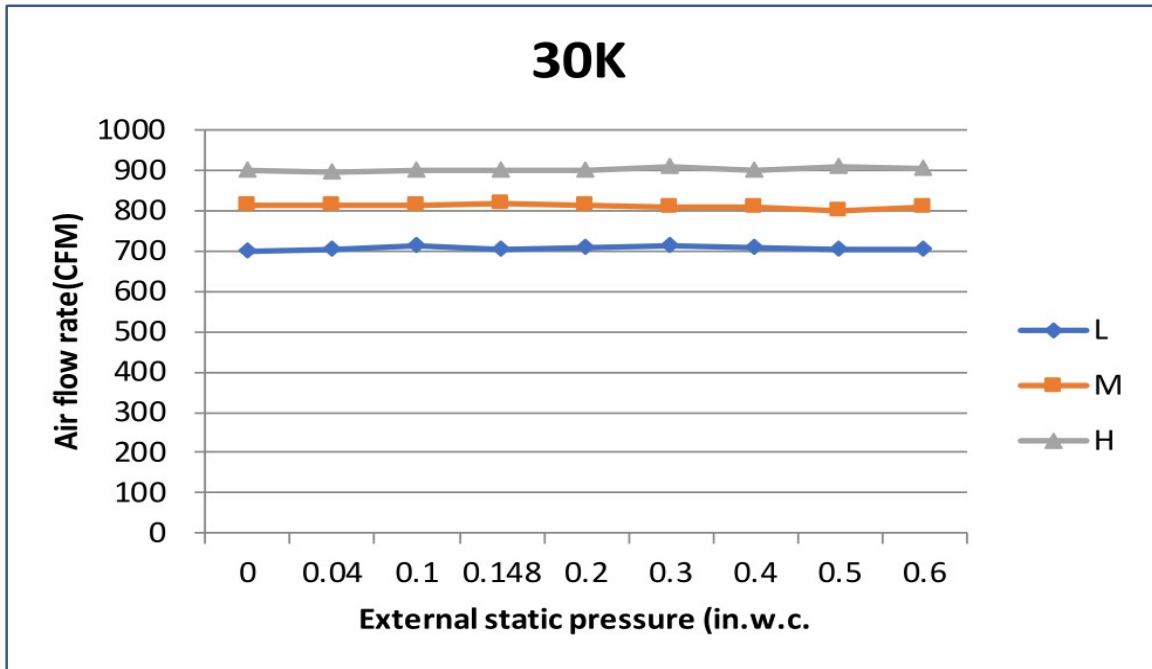


(unit:mm/inch)

Recommended size of filter		Model (Btu/h)		
		12K ~24K	30K~36K	48K ~60K
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		
Rated Capacity	(Btu/h)	30000
Capacity Range	(Btu/h)	9482~33000
Power Input	(W)	2760
Rated current	(A)	12.20
SEER2	(Btu/W)	17.3
EER2	(Btu/W)	10.6
Heating at 47F		
Rated Capacity	(Btu/h)	31000
Capacity Range	(Btu/h)	12200~32000
Power Input	(W)	2850
Rated current	(A)	12.40
HSPF2-4	(Btu/W)	8.5
HSPF2-5	(Btu/W)	6.6
COP	W/W	3.19
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

Fan performance



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