



Submittal

Split System Cooling

AHU60-SG2

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

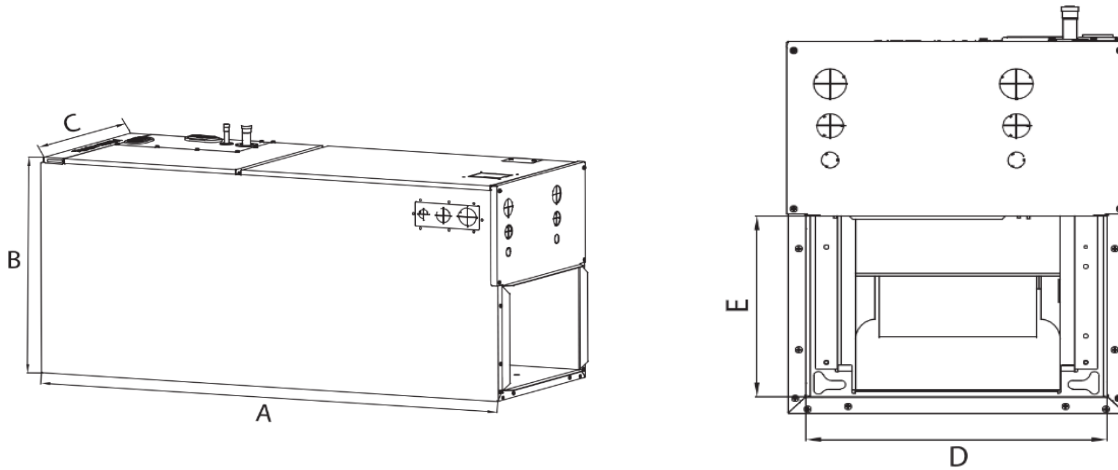
Approval: _____
Date: _____
Construction: _____
Unit # : _____
Drawing # : _____



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

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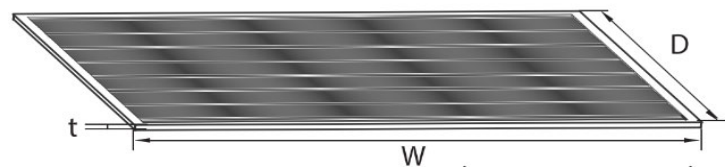
Indoor unit installation size



(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



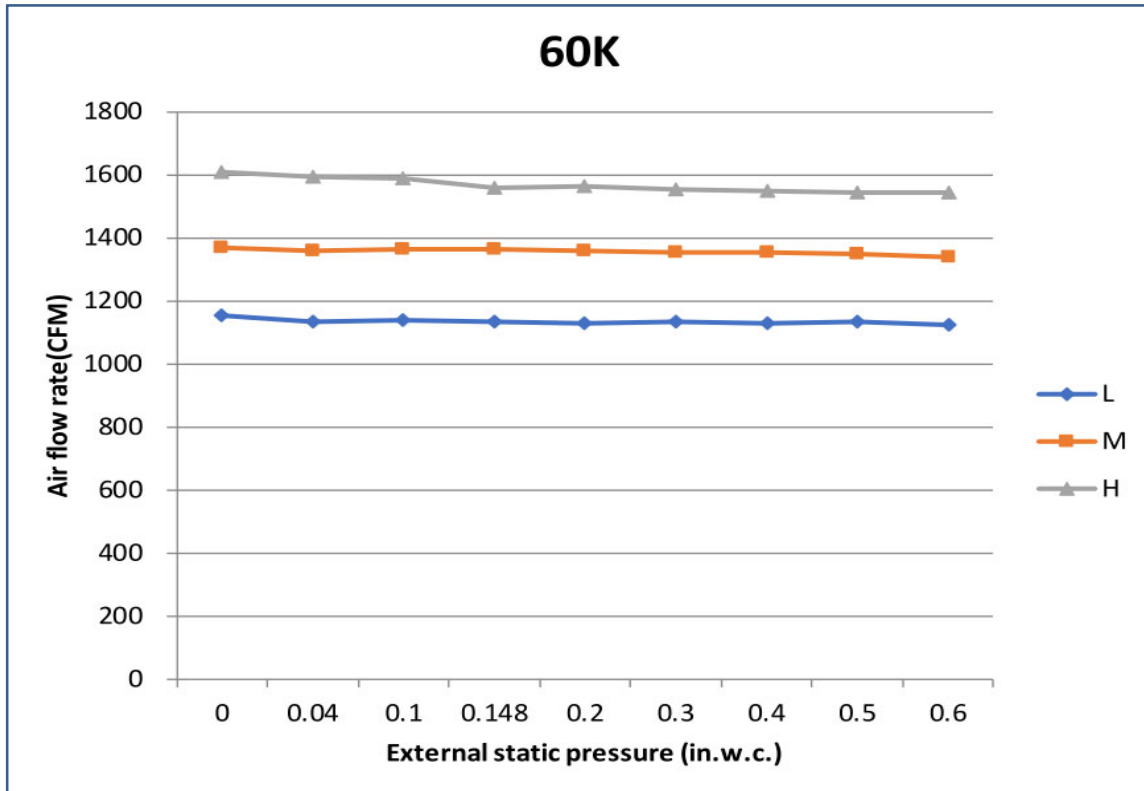
(unit:mm/inch)

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)	34
Max.fuse	(A)	60
Connection wiring		16AWG*2 Stranded, shielded
Cooling		
Power Input	(W)	5644
Rated current	(A)	23.8
Heating at 47F		
Power Input	(W)	4959
Rated current	(A)	20.9
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)	818.06~1194.79
	(m2)	76~111
INDOOR UNIT DATA		
Indoor fan motor		
Type		Centrifugal
Model		ZKFD-750-8-1
Qty		1
Input	(W)	286.5
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)	1582.35/1358.82/1135.29
Indoor noise level (Hi/Med/Lo)	[dB(A)]	52.5/49/44
Dehumidification	(Pint/H)	---
Indoor unit		
Dimension (WxDxH)	(inch)	21.02x24.49x52.99
	(mm)	534x622x1346
Packing(WxDxH)	(inch)	25.20x27.76x58.27
	(mm)	640x705x1480
Net/Gross weight	(lbs.)	73.8/86.5
	(kg)	162.70/190.70

Outdoor Unit	Indoor Unit	Cooling Capacity	EER2	SEER2	HSPF2-4	HSPF2-5
CPH60CD(O)	AHU60-SG2	55000(14000~56000)	8.8	15.3	9.4	7.6
CPR60CD(O)	AHU60-SG2	57000(4500~60000)	8.8	14.7	8.5	6.7

Fan performance



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AHU60-SG2 22th Feb 2023
Supersedes AHU60-SG2 (Feb.2023)

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