

Split System Submittal Data

Wall Mounted Low Ambient Air Conditioner

System: KS18NKUA Indoor/Outdoor: CS-KS18NKU/CU-KS18NKUA

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

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



General Data (at 230V)

Power	V/PH/Hz	230/208/1/60
Circuit Ampacity	(A)	20
Fuse Size, Max.	(A)	20

Compressor	DC Rotary Inverter	
No. used		1
R.L. Amps - L.R.	(A)	7 - 17.5
Crankcase Heater	(W)	-

Outdoor Unit		
Fan type		Propeller
Dia. (in.) - No. Speeds		16-17/32 - 1
Type Drive - No. Speeds		DC Motor
No. Poles	(RPM)	8 - 820
No. Motors	(W)	50 - 1
CFM	(High)	523
F.L. Amps	(A)	0.5

Coil Type	Aluminum Fin & Copper Pipe	
Fin Type - Pipe Type	Corrugated Plate - Inner Riffled	
Rows - F.P.I.		2 - 21.2
Face Area	(sq.ft.)	5.49
Tube Size	(in.)	9/32"

Indoor Unit		
Fan type		Cross Flow
Dia. & Length (in.) - No. Speeds		3-11/16 33-9/32 - 1
No. Speeds		3 & Auto
No. Poles	(RPM, High)	8 - 1250
No. Motors	(W)	30 - 1
CFM	(Hi/Med/Lo)	523/470/417
Indoor Sound Rating	(Hi) (dB-A)	42
F.L. Amps	(A)	0.3

Coil Type	Aluminum Plate Fin & Copper Tube	
Fin Type - Pipe Type	Slit Plate - Inner Riffled	
Rows - F.P.I.		2 - 19.5
Face Area	(sq.ft.)	3.07
Tube Size	(in.)	9/32"
Drain Connection Size	(in.)	23/32"

Refrigerant	R410A		
Lbs. - R410a (outdoor unit)	2.87		
Control	Electric Expansion Valve		
Connection	Flare		
Line Length, Max	100		
Lift Difference, Max	50		
Line Size	(in. O.D. Discharge)	1/4"	
Line Size	(in. O.D. Suction)	1/2"	

Dimensions	(in.)	H x W x D	
Indoor Unit	(Uncrated)	11-23/32 x 41-15/16 x 8-19/32	
	(Crated)	11-3/8 x 44-7/8 x 14-29/32	
Outdoor Unit	(Uncrated)	26-3/8 x 34-21/32 x 11-7/32	
	(Crated)	29-1/8 x 39-27/32 x 14-31/32	

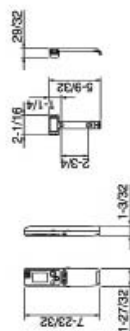
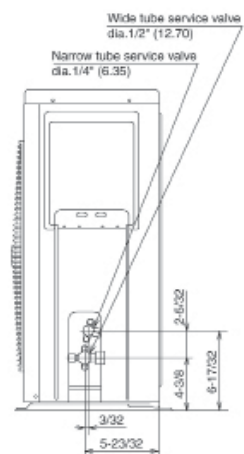
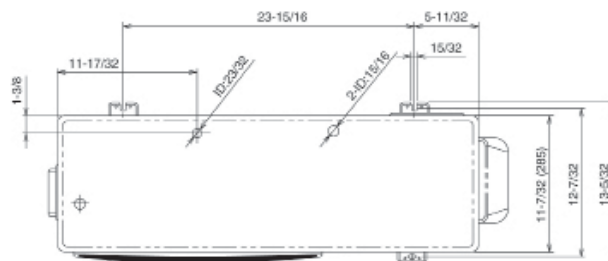
Weight		Indoor	Outdoor
Net	(lbs.)	26.5	90.4
Shipping	(lbs.)	33.1	99.2

Shipping Volume		Indoor	Outdoor
	(cu.ft.)	4.23	9.88

Performance Data @ ARI Standard Conditions (230V)

Cooling		
Total Capacity	(BTU/H)	17,500 (4,000-17,500)
Sensible Capacity	(BTU/H)	13,100
Latent Capacity	(BTU/H)	4,400
SEER		20
Dehumidification	(Pints/H)	4.89
Amps	(A)	7/7.7
Power Inputs	(W)	1,500/1,500 (250-1,500)
Outdoor Sound Rating	(dB-A)	51

Option



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Kennesaw, GA. 30144

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