

Split System Submittal Data



Wall Mounted Low Ambient Air Conditioner

System: KS24NKUA Indoor/Outdoor: CS-KS24NKU/CU-KS24NKUA

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

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



General Data (at 230/208V)

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)	9.6/10.9 - 17.5
Crankcase Heater	(W)	20

Outdoor Unit		
Fan type		Propeller
Dia. (in.) - No. Speeds		18 - 1/8 - 1
Type Drive - No. Speeds		DC Motor
No. Poles	(RPM)	8 - 850
No. Motors	(W)	90 - 1
CFM	(High)	600
F.L. Amps	(A)	0.7

Coil Type		Aluminum Fin & Copper Pipe
Fin Type - Pipe Type		Corrugated Plate - Inner Riffled
Rows - F.P.I.		2 - 18.1
Face Area	(sq.ft.)	6.4
Tube Size	(in.)	3/8"

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)	600/541/482
Indoor Sound Rating	(Hi) (dB-A)	47
F.L. Amps	(A)	0.5

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)		4.30
Control		Electric Expansion Valve
Connection		Flare
Line Length, Max		131
Lift Difference, Max		50
Line Size	(in. O.D. Discharge)	1/4"
Line Size	(in. O.D. Suction)	5/8"

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)	29-1/8 x 35-7/16 x 12-19/32
	(Crated)	33-27/32 x 40-5/8 x 16-1/4

Weight		Indoor	Outdoor
Net	(lbs.)	26.5	119
Shipping	(lbs.)	33.1	127.9

Shipping Volume	(cu.ft.)	Indoor	Outdoor
		4.23	12.71

Performance Data @ ARI Standard Conditions (230V)

Cooling		
Total Capacity	(BTU/H)	24,200 (4,100-24,200)
Sensible Capacity	(BTU/H)	14,800
Latent Capacity	(BTU/H)	9,400
SEER		17
Dehumidification	(Pints/H)	4.89
Amps	(A)	10.8/12.1 (1.3-12.1)
Power Inputs	(W)	2,355/2,355 (280-2,355)
Outdoor Sound Rating	(dB-A)	55

