

Split System Submittal Data

Ceiling Recessed Air Conditioner Low Ambient

System: KS18NB4UA Indoor/Outdoor: CS-KS18NB4UW/CU-KS18NKUA

Grille: CZ-18BT1U

Panasonic
ideas for life

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) 9.8/10.6-20

Outdoor Unit	
Fan type	Propeller
Dia. (in.) - No. Speeds	16-17/32-1
Type Drive - No. Speeds	Direct-3
No. Poles	(RPM) 8-820/850
No. Motors	(W) 40-1
CFM	(HIGH)) 524
F.L. Amps	(A) 0.5

Coil Type	Aluminum Fin and Copper Pipe
Fin Type - Pipe Type	Corrugated Plate - Inner Rifled
Rows - F.P.I.	2-18.1
Face Area	(sq.ft.) 6.4
Tube Size	(in.) 9/32

Indoor Unit	
Fan type	Turbo
Dia. & Length (in.) - No. Speeds	12-5/8/5-3/4-1
No. Speeds	3+Auto
No. Poles	(RPM, High)) 8-720
No. Motors	(W) 30-1
CFM	(Hi/Med/Low) 341/294/253
Indoor Sound Rating	(Hi) (dB-A) 44
F.L. Amps	(A) .3

Coil Type	Aluminum Plate Fin & Copper Tube
Fin Type - Pipe Type	Slit Plate & Inner Rifled
Rows - F.P.I.	2-18.1
Face Area	(sq.ft.) 2.94
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 (ft.)	100
Lift Difference, Max (ft.)	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)	11-1/16 x 22-5/8 x 22-5/8
	(crated)	11-13/32 x 24-3/16 x 28-1/8
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.) 35.3	97.0
Shipping	(lbs.) 41.9	105.8

Shipping Volume	(cu.ft.) 4.59	9.88
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Performance Data @ ARI Standard Conditions (230/208V)

Cooling	
Total Capacity	(BTU/H) 17,500 (4,000-17,500)
Sensible Capacity	(BTU/H) 10,600
Latent Capacity	(BTU/H) 6,900
SEER	16
Dehumidification	(Pints/H) 4.89
Amps	(A) 8.3(1.2-8.3)
Power Inputs	(W) 1860(250-1860)
Outdoor Sound Rating	(dB-A) 51

