

Split System Submittal Data

Ceiling Recessed Air Conditioner

System: KS18NB4U Indoor/Outdoor: CS-KS18NB4UW/CU-KS18NKU

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

➡➡➡ Dimensions

Features

Controls

Remote Controller
Temperature Control

Timer

Night Setback

Air Louver (Horizontal)
(Vertical)

Power Failure Automatic Restart

Self-Diagnosis

Air Filter

Air Clean Apatite Filter

Quiet Operation

Ion Generator

Microprocessor

LCD Wireless Type, Temp. Sensor Built In

IC Thermostat

24 Hr Program; 1HR ON/OFF

Built-In

Manual

Automatic

Built-In

Built-In

Washable, Anti-Mold

Standard

Built-In

Built-In

Options

Refrigerant Line Set

Fresh Air Intake

Air duct Extension

Condensate Drain Pump

Hard Wired Remote Controller

Non-Removeable Locking Remo-con Bracket

Available

Knock-out

N/A

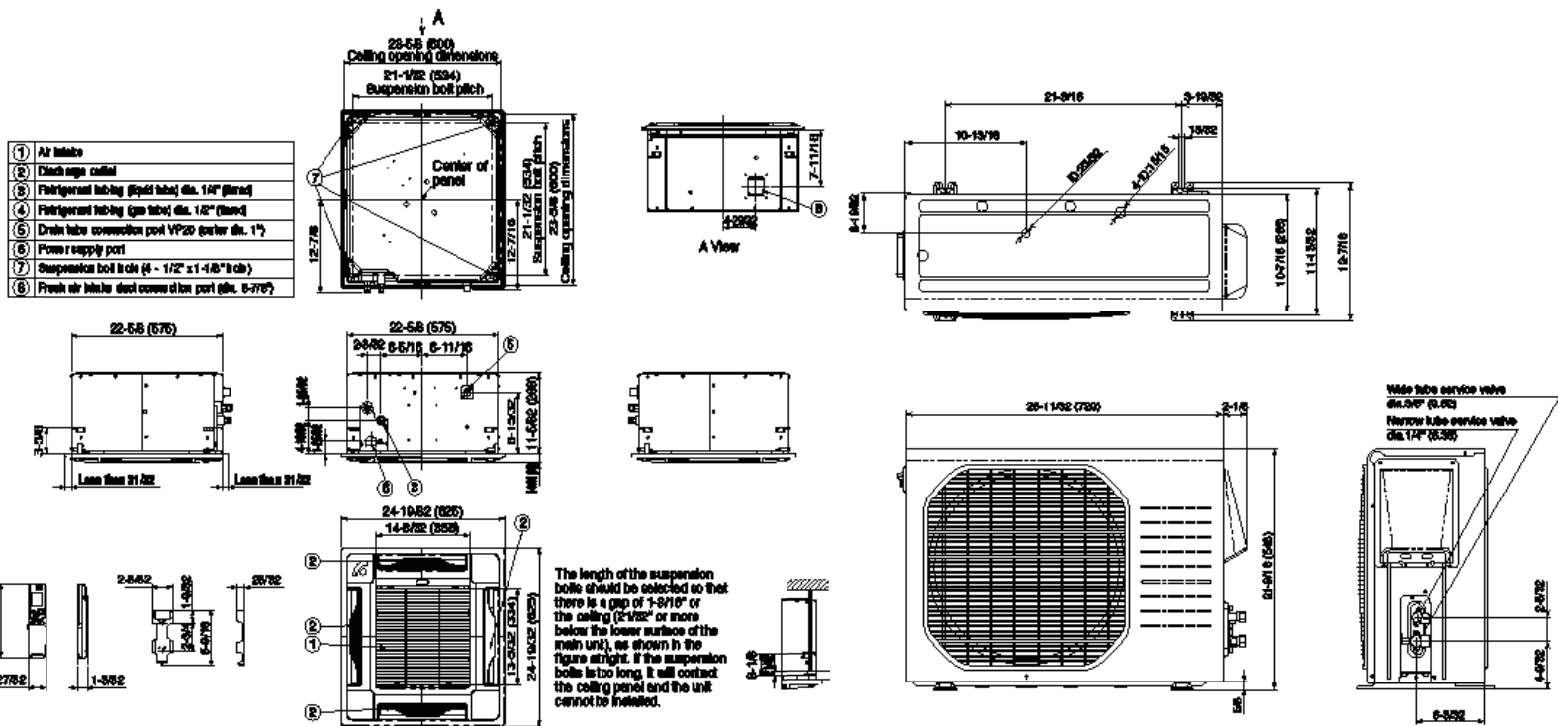
Standard

Available

Available

Operating Range

		Indoor Air Intake Temp.	Outdoor Air Intake Temp.
Cooling	Maximum	95F DB/71F WB	115F DB
	Minimum	67F DB/57F WB	50F DB



Panasonic ideas for life

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