

Split System Submittal Data

Ceiling Recessed Heat Pump

System: KE18NB4U Indoor/Outdoor: CS-KE18NB4UW/CU-KE18NKU

Grille: CZ-18BT1U

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
	(cu.ft.) 4.59	9.88

Shipping Volume

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

Heating		
Total Capacity	(BTU/H)	20,400 (4,400-20,400)
HSPF		8.5

Dimensions

Heating

Amps	(A)	10.5(1.3/10.5)
Max. Amps		-
Power Inputs	(W)	2340/2340(270-2340)
Back-up Strip Heater		0.00/0.00
Outdoor Sounds Rating	(dB-A)	51

Features

Controls

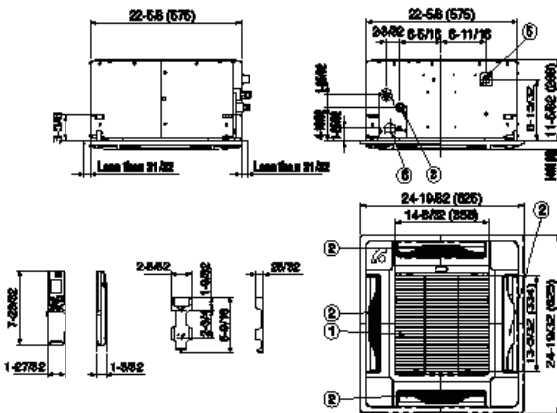
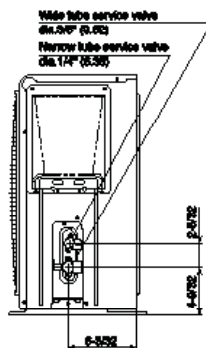
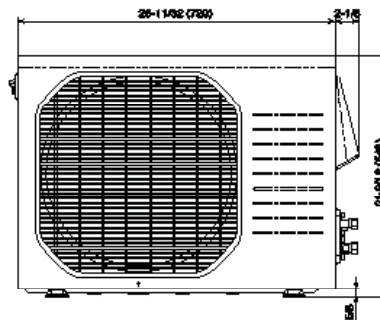
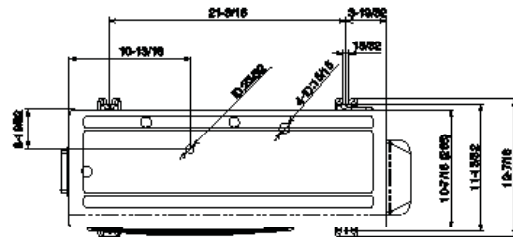
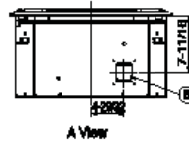
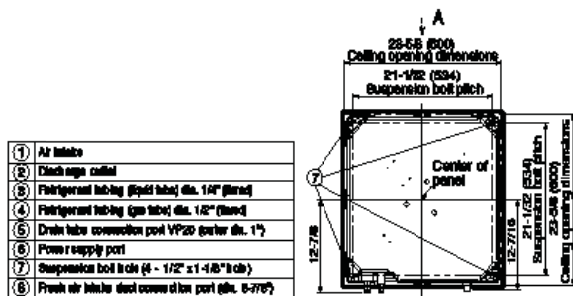
Remote Controller	LCD Wireless Type, Temp. Sensor Built In	Microprocessor
Temperature Control	IC Thermostat	
Timer	24 Hr Program; 1HR ON/OFF	
Night Setback		Built-In
Air Louver	(Horizontal)	Manual
	(Vertical)	Automatic
Power Failure Automatic Restart		Built-In
Self-Diagnosis		Built-In
Air Filter		Washable, Anti-Mold
Air Clean Apatite Filter		Standard
Quiet Operation		Built-In

Options

Refrigerant Line Set	Available
Fresh Air Intake	Knock-out
Air duct Extension	N/A
Condensate Drain Pump	Standard
Hard Wired Remote Controller	Available
Non-Removeable Locking Remo-con Bracket	Available

Operating Range

		IndoorAirIntakeTemp.	OutdoorAirIntakeTemp.
Cooling	Maximum	95F DB/71F WB	115F DB
	Minimum	67F DB/57F WB	0F DB
Heating	Maximum	80F DB/67F WB	75F DB/65FWB
	Minimum	-DB/-WB	0F DB



The length of the suspension bolts should be selected so that there is a gap of 1-5/16\"/>

Panasonic ideas for life

Panasonic North America

Air Conditioning Division

1690 Roberts Blvd., NW, Suite 110

Kennesaw, GA. 30144

<http://www.panasonic.com/aircon>

