

Split System Submittal Data

Wall Mounted Heat Pump

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

Panasonic
ideas for life

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)	6.25/6.94 / 6.65/7.35-17.5	

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 & 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		Cross Flow	
Dia. & Length (in.) - No. Speeds		3-11/16 33-9/32-1	
No. Speeds		3 & Auto	
No. Poles	(RPM, High)	8-850/850	
No. Motors	(W)	30-1	
CFM	(Hi/Med/Lo)	523/470/417 (Cooling)	
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 Rifled		
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 (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)	11-23/32 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	97.0
Shipping	(lbs.)	33.1	105.8

Shipping Volume		Indoor	Outdoor
	(cu.ft.)	4.24	9.89

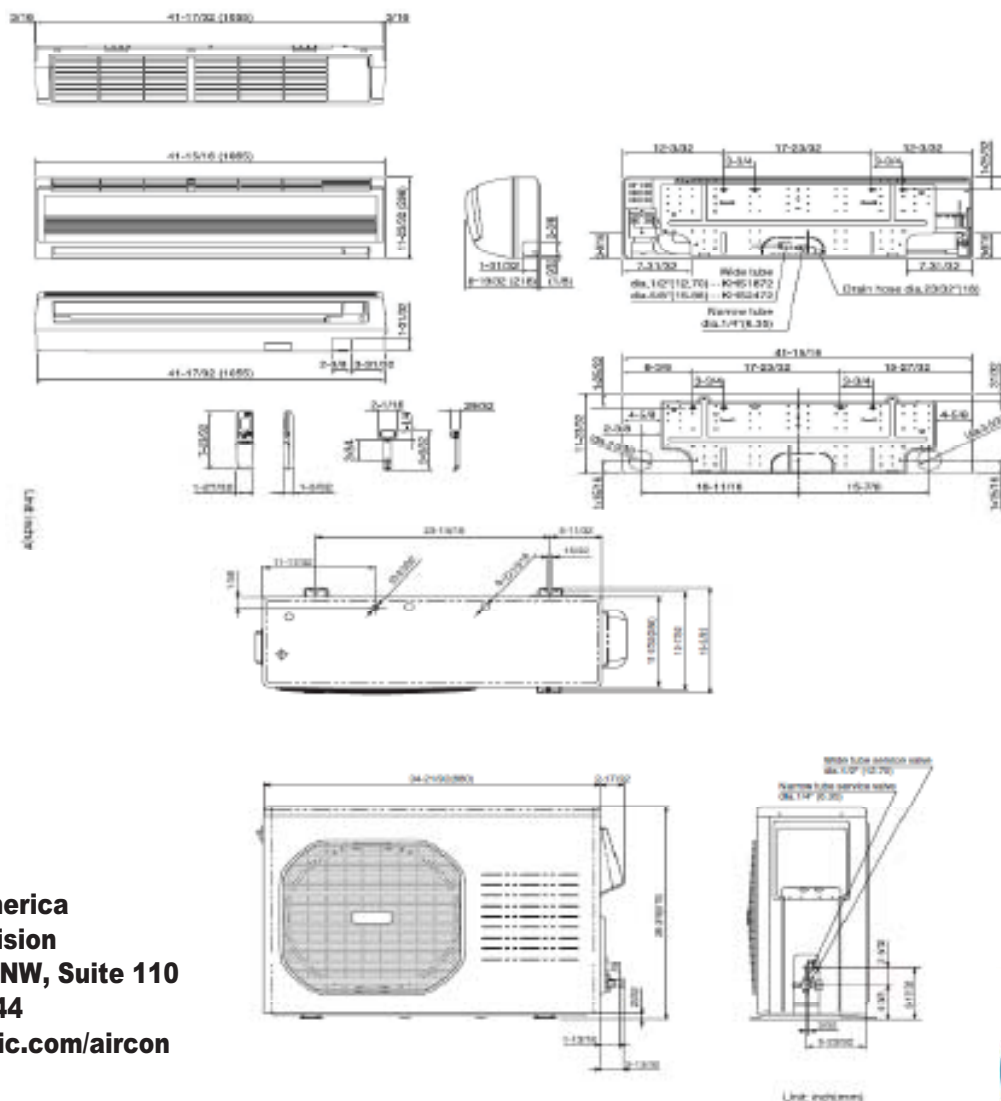
Performance Data @ ARI Standard Conditions (230/208V)

Cooling			
Total Capacity	(BTU/H)	17,600 (4,000-17,700)	
Sensible Capacity	(BTU/H)	13,200	
Latent Capacity	(BTU/H)	4,400	
SEER		20	
Dehumidification	(Pints/H)	4.89	
Amps	(A)	7/7.77	
Power Inputs	(W)	1,500/1,500 (250-1,500)	
Outdoor Sound Rating	(dB-A)	51	

Heating			
Total Capacity	(BTU/H)	20,500 (4,400-20,500)	
HSPF		10	

Heating			Options	
Amps	(A)	7.4/8.1 (1.3-8.1)	Refrigerant Line Set	Available
Max. Amps		-	Fresh Air Intake	N/A
Power Inputs	(W)	1,575/1,575 (270-1,575)	Air duct Extension	N/A
Back-up Strip Heater	(KW)	0.00/0.00	Condensate Drain Pump	Available
Outdoor Sounds Rating	(dB-A)	52	Hard Wired Remote Controller	Available
			Non-Removeable Remo-con Bracket	Available

Features					
Controls		Microprocessor			
Remote Controller	LCD Wireless Type, Temp. Sensor Built In	Operating Range			
Temperature Control		IC Thermostat		IndoorAirIntakeTemp. OutdoorAirIntakeTemp.	
Timer	24 Hr. Program; 1HR Off	Cooling	Maximum	95F DB/71F WB	115F DB
Night Setback	Built-In		Minimum	67F DB/57F WB	0F DB
Air Louver	(Horizontal)	Manual			
	(Vertical)	Automatic			
Power Failure Automatic Restart		Built-In		IndoorAirIntakeTemp. OutdoorAirIntakeTemp.	
Heating/Cooling Automatic Changeover		Built-In		Heating	
Self-Diagnosis	Built-In	Maximum	80F DB/67F WB	75F DB/65F WB	
Quiet Operation	Built-In	Minimum	-DB/-WB	0F DB	
Ion Generator		Built-In			
Air Clean Apatite Filter		Standard			
Air Filter		Washable, Anti-Mold			



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