

Split System Submittal Data

System: **KE30NKU** Indoor: **CS-KE36NKU** Outdoor: **CU-KE36NKU**
Wall Mounted Heat Pump

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

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

General Data	
Power (V/P/Hz)	230/208/1/60
Circuit Ampacity (A)	16.5-18.0
Fuse Size, Max.(A)	35
Compressor	
	DC Twin Rotary (Inverter)
No. Used	1
R.L. Amps - L.R. (A)	16.5-31.0
Outdoor Unit	
Fan Type	Propeller
Dia (in.) - No. Speeds	19-9/32" Auto (Hi, Me, Lo)
Type Drive	Direct / DC Motor
No. Poles (RPM)	8-750
No. Motors (W)	1-142
F.L. Amps (A)	17.6/16.1
Coil Type	
	Aluminum Fin and Copper Pipe
Fin Type - Pipe Type	Slit Plate - Inner Rifled
Rows - F.P.I.	2-21.2
Face Area (sq.ft.)	8.05
Tube Size (in.)	3/8"
Indoor Unit	
Fan Type	Cross Flow
Dia (in.)	3-15/16" x 32"
No. Speeds	Auto and 3 steps
No. Poles (RPM (Cool / Heat), High)	8-1,370 / 1,450
No. Motors (W)	47
CFM (Hi/Med/Low) Cooling	630/530/412
CFM (Hi/Med/Low) Heating	671/559/441
Operating Sound-Hi/Me/Lo/ dB-A (Cool)	49 / 44 / 39
Operating Sound-Hi/Me/Lo/ dB-A (Heat)	49 / 44 / 39
F.L. Amps	0.4
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.)	4.55
Tube Size (in.)	3/8"
Drain Connection Size (in.)	1-1/4"



Refrigerant	R410A
Lbs. - R410a (outdoor unit)	6.5
Refrigerant Control	Electronic Expansion Valve
Refrigerant Tubing Connections	Flare
Line Length, Max (ft.)	165
Line Difference, Max (ft.)	50 (outdoor lower), 100 (outdoor higher)
Line Size (in. O.D. Discharge)	3/8"
Line Size (in. O.D. Suction)	5/8"
Pre-charge, tubing length at shipment	100'
Dimensions (HxWxD)	
Indoor Unit (Crated) (in.)	12-7/32 x 44-7/8 x 14-31/32
Indoor Unit (Uncrated) (in.)	11-3/16 x 41-15/16 x 9-1/16
Outdoor Unit (Crated) (in.)	42-3/8 x 40 x 16-3/8
Outdoor Unit (Uncrated) (in.)	35-13/16 x 37-1/32 x 13-3/8
Weight (lbs.)	
(Indoor) Net	32.0
(Indoor) Shipping	39.7
(Outdoor) Net	185.2
(Outdoor) Shipping	207.2
(Indoor) Shipping Volume (cu.ft.)	4.59
(Outdoor) Shipping Volume (cu.ft.)	15.88

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

Cooling	
Total Capacity (BTU/H)	36,000 (10,900-30,600)
Sensible Capacity (BTU/H)	18,600
Latent Capacity (BTU/H)	12,000
SEER	16
Dehumidification (Pints/H)	9.57
Amps (A)	5-18
Power Inputs (W)	3,290
Outdoor Sound Rating (dB-A)	55
Heating	
Total Capacity (BTU/H)	33,000 (14,000-33,000)
HSPF	9.0
Amps (A)	4.5-16.3
Max Amps	15.3/16.8
Power Inputs (W)	3,070/3,070
Outdoor Sounds Rating (dB-A)	55

Features

Controls	Microprocessor
Remote Controller	LCD Wireless Type, Temp. Sensor Built In
Temperature Control	IC Thermistor
Timer	24 Hour, Single Event, ON/OFF Timer
Night Setback	Included
Unoccupied Mode	Included
High Power	Included
One Hour Timer	Included

Air Louver, Horizontal	Manual
Air Louver, Vertical	Automatic, Sweep, Step
Power Failure Automatic Restart	Included
Heating/Cooling Automatic Changeover	Included
Self-Diagnosis	Included
Air Filter	Washable, Anti-Mold

Options

Refrigerant Line Set	Available
Fresh Air Intake	N/A
Air Duct Extension	N/A
Hard Wired Remote Control	Available / Model Number-CZ-RD515U
Indoor Frame Extension	N/A
Condensate Drain Pump	Available
Non-Removable, Locking Remote-Control Bracket	Available

Operating Range	Indoor Air Intake Temp	Outdoor Air Intake Temp
Cooling (Max)	95F DB/71F WB	115F DB
Cooling (Min)	67F DB/57F WB	0F DB
Heating (Max)	80F DB/67F WB	75F DB/65F WB
Heating (Min)	-DB/-WB	0F DB



