

Split System Submittal Data

Ceiling Recessed Heat Pump

System: 36PEU1U6 Indoor/Outdoor: S-36PU1U6/U-36PE1U6

Grille: CZ-36KPU1U

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)	15-35 Indoor-Outdoor
Fuse Size, Max.	(A)	15-35 Indoor-Outdoor

Compressor	DC Rotary Inverter
No. used	1
R.L. Amps - L.R.	(A) 16.4-17.5

Outdoor Unit	
Fan type	Propeller
Dia. (in.) - No. Speeds	18-7/64-1
Type Drive - No. Speeds	DC Motor
No. Poles	(RPM) 8 - 830
No. Motors	(W) 1 - 90
CFM	(High) 1942
F.L. Amps	(A) 17.3

Coil Type	Aluminum Fin & Copper Pipe
Fin Type - Pipe Type	Slit Plate - Inner Rifled
Rows - F.P.I.	2-14.1
Face Area	(sq.ft.) 7.26
Tube Size	(in.) 3/8"

Indoor Unit	
Fan type	Turbo
Dia. & Length (in.) - No. Speeds	17-7/16-1
No. Speeds	3 & Auto
No. Poles	(RPM, High) 6 - 467
No. Motors	(W) 1 - 60
CFM	(Hi/Med/Lo) 1050/840/720
Indoor Sound Rating	(Hi) (dB-A) 44
F.L. Amps	(A) 0.9

Coil Type	Aluminum Plate Fin & Copper Tube
Fin Type - Pipe Type	Slit Plate - Inner Rifled
Rows - F.P.I.	2 - 14.9
Face Area	(sq.ft.) 8.2
Tube Size	(in.) 9/32"
Drain Connection Size	(in.) 1-17/64

Refrigerant	R410A
Lbs. - R410a (outdoor unit)	6.17
Control	Electric Expansion Valve
Connection	Flare
Line Length, Max (ft.)	165
Lift 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"

Dimensions	(in.)	H x W x D
Indoor Unit	(Uncrated)	14-31/64 x 45-9/32 x 33-55/64
	(Crated)	12-13/32 x 44-19/64 x 33-9/32
Outdoor Unit	(Uncrated)	30-23/32 x 37 x 13-3/8
	(Crated)	34-31/32 x 39-31/32 x 16-3/32

Weight	Indoor	Outdoor
Net	(lbs.) 60	143
Shipping	(lbs.) 71	161

Shipping Volume	(cu.ft.)	Indoor	Outdoor
		10.6	13.0

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

Cooling		
Total Capacity	(BTU/H)	32,600 (9,500-32,600)
Sensible Capacity	(BTU/H)	20,160
Latent Capacity	(BTU/H)	12,4400
SEER		14.6
Dehumidification	(Pints/H)	10.6
Amps	(A)	18.7/20.7
Power Inputs	(W)	3,950/3,950
Outdoor Sound Rating	(dB-A)	52

Heating		
Total Capacity	(BTU/H)	37,600 (8,000-37,600)
HSPF		9.1

Dimensions

Heating

Amps	(A)	15.9/17.6
Max. Amps	(A)	15.9/17.6
Power Inputs	(W)	3,350/3,350
Back-up Strip Heater	(KW)	0.00/0.00
Outdoor Sounds Rating	(dB-A)	49

Features

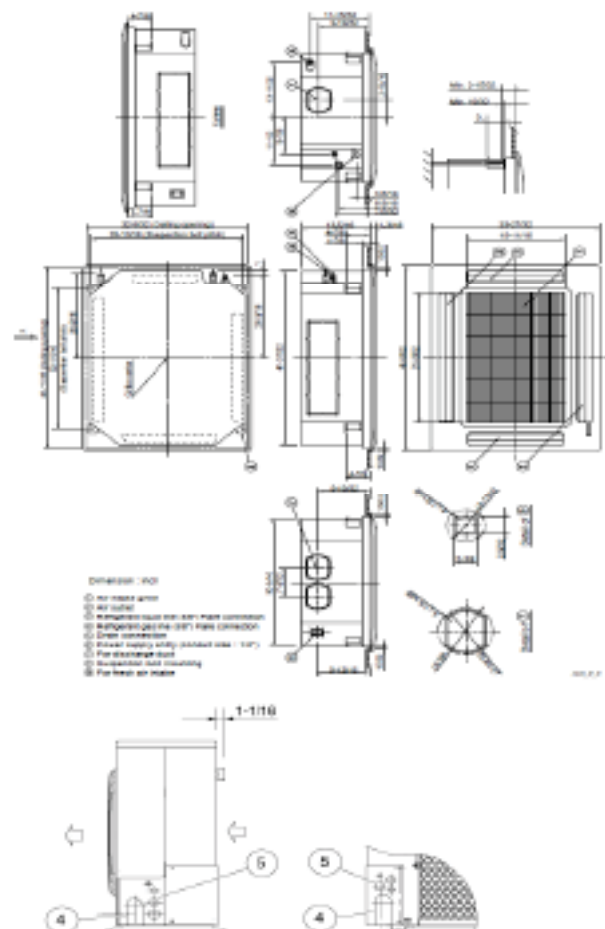
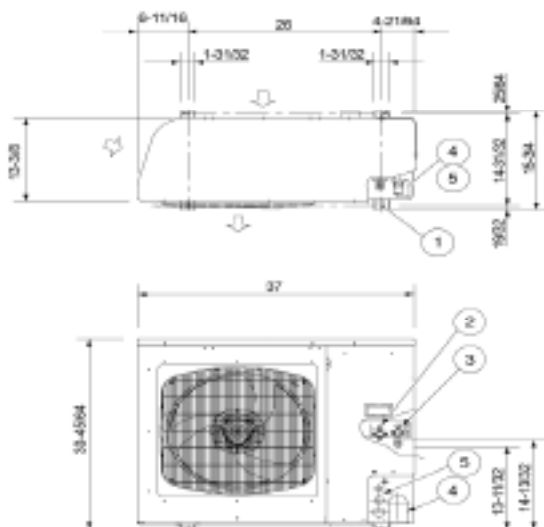
Controls	Microprocessor
Remote Controller	LCD Wired Type, Temp. Sensor Built In
Temperature Control	IC Thermostat
Timer	72 Hr. ON/OFF
Night Setback	Built-In
Air Louver	(Horizontal) Manual
	(Vertical) Automatic
Power Failure Automatic Restart	Built-In
Heating/Cooling Automatic Changeover	Built-In
Self-Diagnosis	Built-In
Air Filter	Washable, Anti-Mold

Options

Refrigerant Line Set	Available
Fresh Air Intake	Available
Airduct Extension	Knock-out
Condensate Drain Pump	Standard
Wireless 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	
		IndoorAirIntakeTemp.	OutdoorAirIntakeTemp.
Heating			
Maximum	80F DB/67F WB	75F DB/65F WB	
Minimum	-DB/-WB	5F DB	



Dimension: inch

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