

Split System Submittal Data

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

Single Split System - Ceiling Recessed Heat Pumps

Job Name:	Approval:
Location:	Date:
Engineer:	Construction:
Submitted to:	Unit#:
Submitted by:	Drawing#:
Reference:	<u> </u>

General Data		
Power (V/P/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 & Length (in.) - No. used	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. used	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"	

1-17/64"

Drain Connection Size (in.)



R410A

	1	
Refrigerant	R410A	
Lbs R410a	6.17	
Control	Electric Expansion Valve	
Connection	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"	
Dimensions (HxWxD)		
Indoor Unit (Crated) (in.)	12-13/32 x 44-19/64 x 33-9/32	
Indoor Unit (Uncrated) (in.)	14-31/64 x 45-9/32 x 33-55/64	
Outdoor Unit (Crated) (in.)	34-31/32 x 39-31/32 x 16-3/32	
Outdoor Unit (Uncrated) (in.)	30-23/32 x 37 x 13-3/8	
Weight (lbs.)		
(Indoor) Net	60	
(Indoor) Shipping	71	
(Outdoor) Net	143	
(Outdoor) Shipping	161	
(Indoor) Shipping Volume (cu.ft.)	10.6	
(Outdoor) Shipping Volume (cu.ft.)	13	

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)	12,400	
SEER	14.6	
Dehumidification (Pints/H)	10.6	
Amps (A)	8.7/20.7	
Power Inputs (W)	3,950/3,950	
Outdoor Sound Rating (dB-A) High	52	
Heating		
Total Capacity (BTU/H)	37,600 (8,000 - 37,600)	
HSPF	9.1	
Amps (A)	15.9/17.6	
Max Amps (A)	15.9/17.6	
Power Inputs (W)	3,350/3,350	
Back-up Strip Heather (KW)	N/A	
Outdoor Sound Rating (dB-A) High	52	

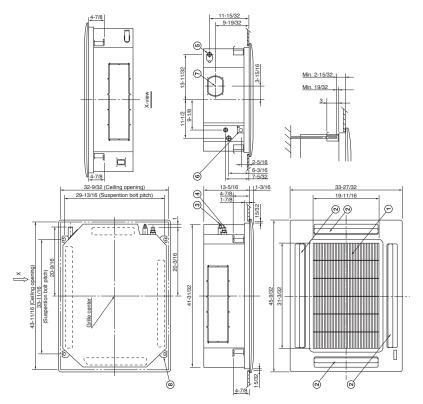
Features		
Controls	Microprocessor	
Remote Controller	(Wired Remote Included) (Wireless Remote Optional)	
Temperature Control	IC Thermostat	
Timer	72 Hr. On/Off	
Night Setback	N/A	
Air Louver, Horizontal	N/A	
Air Louver, Vertical	Automatic	
Power Failure Automatic Changeover	Built-In	
Heating/Cooling Automatic Changeover	Built-In	
Self-Diagnosis	Built-In	
Air Filter	Washable, Anti-Mold	

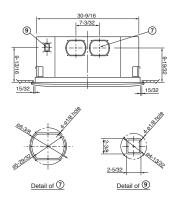
Option	
Refrigerant Line Set	Available
Fresh Air Intake	Available
Airduct Extension	Knock-out
Condensate Drain Pump	Built in (Limited Vertical Lift)
Wireless Remote Controller	Optional
Non-Removeable Locking	Available
Remo-con Bracket	

Operating Range	Indoor Air Intake Temp	Outdoor Air Intake Temp
Cooling (Max)	95F DB/71F WB	115F DB
Cooling (Min)	67 DB/57F WB	0F DB
Heating (Max)	80F DB/67F WB	75F DB/65F WB
Heating (Min)	-DB/-WB	5F DB

Panasonic

Indoor Dimensions

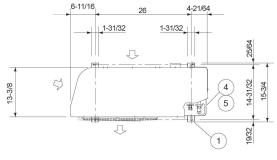




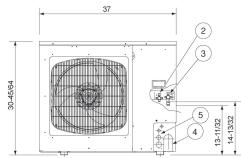
Dimension : inch

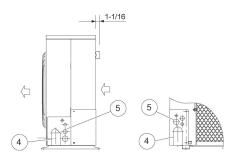
- 1 Air intake grille
- Air outlet
 Refrigerant liquid line (3/8") Flare connection
- Refrigerant gas line (5/8") Flare connection
 Drain connection
- Power supply entry (conduit size : 1/2")
 For discharge duct
 Suspention bolt mounting
 For fresh air intake

Outdoor Dimensions



- Hole for anchor bolt (4–R6.5) / Anchor bolt: M10
 Refrigerant tube joint (liquid line tube) Flare connection 3/8 in (9.52 mm)
 Refrigerant tube joint (gas line tube) Flare connection 5/8 in (15.88 mm)
 Refrigerant tubing inlet (knock-out hole)
 Power supply inlet (knock-out hole \\$38, \\$29, \\$19, \\$16 mm)





Dimension: inch

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