

# Split System Submittal Data

Concealed Duct Heat Pump

System: 36PEF1U6 Indoor/Outdoor: S-36PF1U6/U-36PE1U6

**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  
No. used 1  
R.L. Amps - L.R. (A) 16.4

Outdoor Unit  
Fan type Propeller  
Dia. (in.) - No. Speeds 18-7/64-1  
Type Drive - No. Speeds Direct - Inverter  
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 Centrifugal  
Dia. & Length (in.) - No. Speeds 5-29/32-3  
No. Speeds 3 & Auto  
No. Poles (RPM, High) 4-940  
No. Motors (W) 1-100  
CFM (Hi/Med/Lo) 1060/920/750  
Indoor Sound Rating (Hi) (dB-A) 38  
F.L. Amps (A) 1.0

Coil Type Aluminum Plate Fin & Copper Tube  
Fin Type - Pipe Type Slit Plate - Inner Rifled  
Rows - F.P.I. 3-12.7  
Face Area (sq.ft.) 3.32  
Tube Size (in.) 3/8"

Drain Connection Size

Max. head 2-33/64in. above drain connection (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.) (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) 12-7/32 x 58-9/32 x 24-13/16  
(Crated) 14-3/32 x 65-25/32 x 30-13/16  
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.) 104 143  
Shipping (lbs.) 115 161

Shipping Volume Indoor Outdoor  
(cu.ft.) 16.5 13.0

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

Cooling  
Total Capacity (BTU/H) 31,200 (9,500-31,200)  
Sensible Capacity (BTU/H) 19,570  
Latent Capacity (BTU/H) 11,630  
SEER 14.9  
Dehumidification (Pints/H) 10.0  
Amps (A) 18.6/20.6  
Power Inputs (W) 3,920/3,920  
Outdoor Sound Rating (dB-A) 52

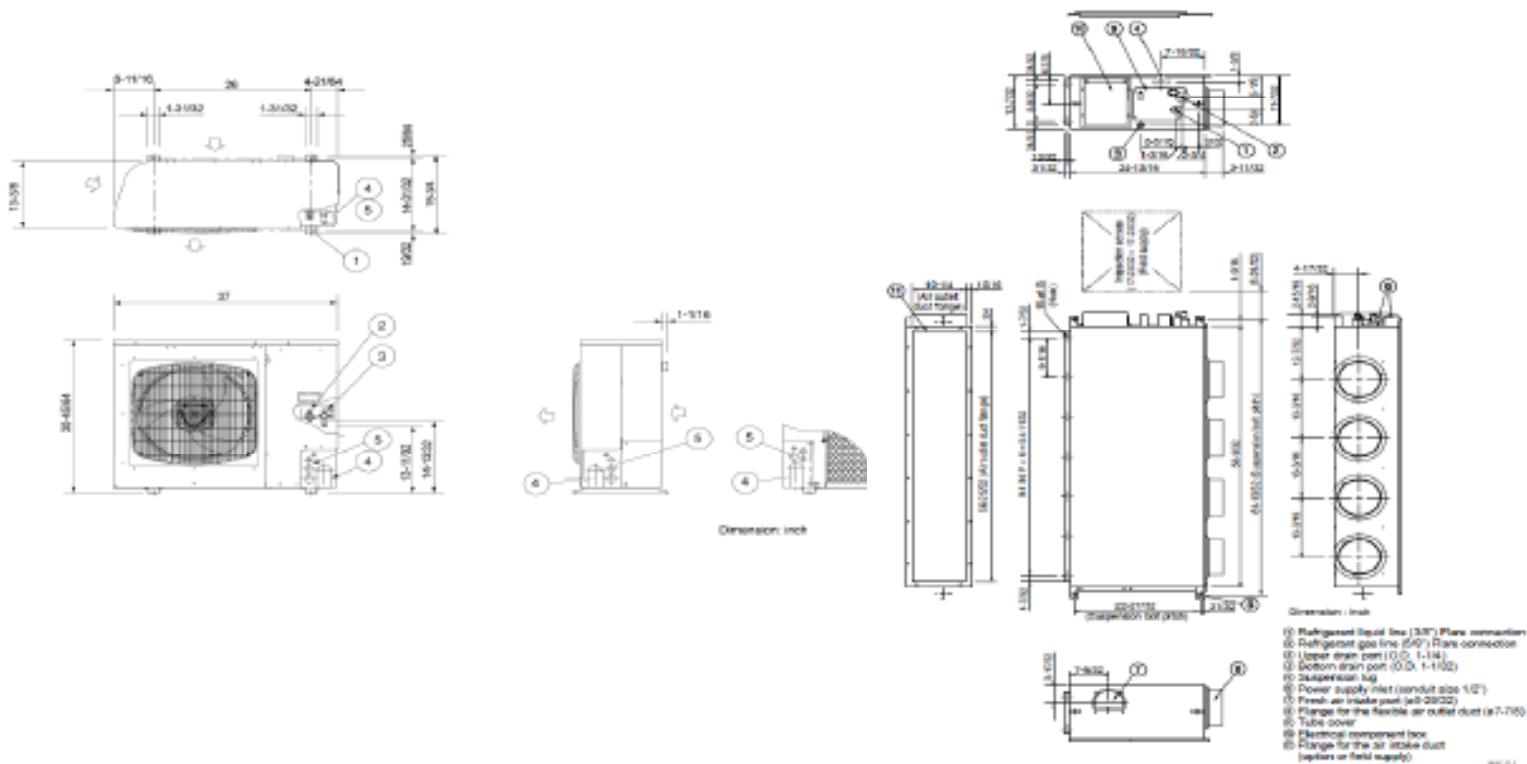
Heating  
Total Capacity (BTU/H) 36,200 (8,000-36,200)  
HSPF 8.7

# Dimensions

|                       |        |             |                                 |           |
|-----------------------|--------|-------------|---------------------------------|-----------|
| Heating               |        |             | Options                         |           |
| Amps                  | (A)    | 15.9/17.6   | Refrigerant Line Set            | Available |
| Max. Amps             | (A)    | 15.9/17.6   | Fresh Air Intake                | N/A       |
| Power Inputs          | (W)    | 3,340/3,340 | Condensate Drain Pump           | Standard  |
| Back-up Strip Heater  | (KW)   | 0.00/0.00   | Wireless Remote Controller      | Available |
| Outdoor Sounds Rating | (dB-A) | 52          | Non-Removeable Remo-con Bracket | Available |

## Features

|                                      |                                       |                     |                                            |         |               |               |
|--------------------------------------|---------------------------------------|---------------------|--------------------------------------------|---------|---------------|---------------|
| Controls                             |                                       | Microprocessor      |                                            |         |               |               |
| Remote Controller                    | LCD Wired Type, Temp. Sensor Built In | Operating Range     |                                            |         |               |               |
| Temperature Control                  |                                       | IC Thermostat       | IndoorAirIntakeTemp. OutdoorAirIntakeTemp. |         |               |               |
| Timer                                |                                       | 72HR, ON/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                                    | Maximum | 80F DB/67F WB | 75F DB/65F WB |
| Self-Diagnosis                       |                                       | Built-In            |                                            | Minimum | -DB/-WB       | 5F DB         |
| Air Filter                           |                                       | Washable, Anti-Mold |                                            |         |               |               |



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## Panasonic North America

## Air Conditioning Division

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