

R410A

# **Split System Submittal Data**

System: 26PEU1U6 Indoor: S-26PU1U6 Outdoor: U-26PE1U6

Single Split System - Ceiling Recessed Heat Pumps

| Job Name:     |  |
|---------------|--|
|               |  |
| Engineer:     |  |
| Submitted to: |  |
|               |  |
| Reference.    |  |

| Approval:     |
|---------------|
| Date:         |
| Construction: |
| Unit#:        |
| Drawing#:     |

| General Data                    |                                  |  |
|---------------------------------|----------------------------------|--|
| Power (V/P/Hz)                  | 230/208/1/60                     |  |
| Circuit Ampacity (A)            | 15-30 Indoor-Outdoor             |  |
| Fuse Size, Max.(A)              | 15-30 Indoor-Outdoor             |  |
|                                 |                                  |  |
| Compressor                      | DC Rotary Inverter               |  |
| No. Used                        | 1                                |  |
| R.L. Amps - L.R. (A)            | 12.9 - 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 - 800                          |  |
| No. Motors (W)                  | 1 - 90                           |  |
| CFM (High)                      | 1765                             |  |
| F.L. Amps (A)                   | 13.8                             |  |
|                                 |                                  |  |
| Coil Type                       | Aluminum Fin & Copper Pipe       |  |
| Fin Type - Pipe Type            | Slit Plate - Inner Rifled        |  |
| Rows - F.P.I.                   | 1 - 15.9                         |  |
| 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 - 464                          |  |
| No. Motors (W)                  | 1 - 40                           |  |
| CFM (HI/Med/Lo)                 | 710/530/450                      |  |
| Indoor Sound Rating (Hi) (dB-A) | 38                               |  |
| F.L. Amps (A)                   | 0.7                              |  |
|                                 |                                  |  |
| 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.)              | 3.69                             |  |
| Tube Size (in)                  | 9/32"                            |  |
| Drain Connection Size (in.)     | 1-17/64"                         |  |



| D. C. Communication                | D/404                                       |  |
|------------------------------------|---|--|
| Refrigerant                        | R410A                                       |  |
| Lbs R410a                          | 4.19  |  |
| Control                            | Electric Expansion Valve                    |  |
| Connection                         | Flare                                       |  |
| Line Length, Max (ft.)             | 165   |  |
| Line Difference, Max (ft.)         | 50 (outdoor lower),<br>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.)         | 11-9/64 x 32-7/8 x 33-9/32                  |  |
| Indoor Unit (Uncrated) (in.)       | 13-5/16 x 33-55/64 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                       | 49  |  |
| (Indoor) Shipping                  | 57  |  |
| (Outdoor) Net                      | 128   |  |
| (Outdoor) Shipping                 | 148   |  |
|                                    |   |  |
| (Indoor) Shipping Volume (cu.ft.)  | 7.1   |  |
| (Outdoor) Shipping Volume (cu.ft.) | 13  |  |

| Performance Data @ ARI Standard Conditions (230/208V) |                         |  |  |  |
|---|-------------------------|--|--|--|
| Cooling   |                         |  |  |  |
| Total Capacity (BTU/H)                                | 24,800 (9,500 - 24,800) |  |  |  |
| Sensible Capacity (BTU/H)                             | 14,810                  |  |  |  |
| Latent Capacity (BTU/H)                               | 9,990                   |  |  |  |
| SEER  | 14.1                    |  |  |  |
| Dehumidification (Pints/H)                            | 8.1                     |  |  |  |
| Amps (A)  | 15.6/17.3               |  |  |  |
| Power Inputs (W)                                      | 2,920/2,920             |  |  |  |
| Outdoor Sound Rating (dB-A) High                      | 49                      |  |  |  |
|   |                         |  |  |  |
| Heating   |                         |  |  |  |
| Total Capacity (BTU/H)                                | 29,800 (8,000 - 29,800) |  |  |  |
| HSPF  | 10.5                    |  |  |  |
| Amps (A)  | 14.8/16.4               |  |  |  |
| Max Amps (A)  | 14.8/16.4               |  |  |  |
| Power Inputs (W)                                      | 2,790/2,790             |  |  |  |
| Back-up Strip Heather (KW)                            | N/A                     |  |  |  |
| Outdoor Sound Rating (dB-A) High                      | 49                      |  |  |  |

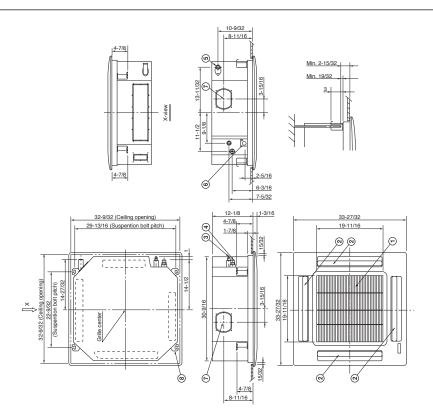
| Features                                |  |  |
|---|--|--|
| Controls                                | Microprocessor                                     |  |
| Remote Controller                       | (Wired Remote Included) (Wireless Remote Optional) |  |
| Temperature Control                 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

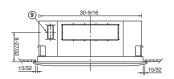
| Option                 |                                  |
|------------------------|----------------------------------|
| Refrigerant Line Set   | Available                        |
| Fresh Air Intake       | Available                        |
| Airduct Extension      | Knock-out                        |
| Indoor Frame Extension | N/A                              |
| Condensate Drain Pump  | Built In (Limited Vertical Lift) |
| Non-Removeable Locking | Available                        |
| Remo-con Bracket       |                                  |

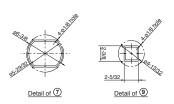
| Operating Range | Indoor Air Intake Temp | Outdoor Air Intake Temp |
|-----------------|------------------------|-------------------------|
| Cooling (Max)   | 95F DB/71F WB          | 115F DB                 |
| Cooling (Min)   | 67 DB/57F WB           | OF DB                   |
| Heating (Max) 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

## **Panasonic**

### **Indoor Dimensions**





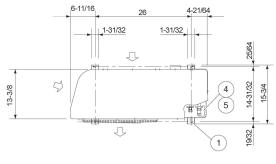


#### Dimension : inch

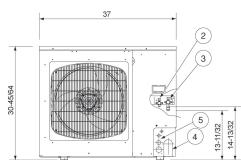
- 1 Air intake grille
- Air outlet
   Refrigerant liquid line
   (3/8") Flare connection
- Refrigerant gas line
   (5/8") Flare connection
- Drain connection
- Power supply entry (conduit size : 1/2")
   For discharge duct
   Suspention bolt mounting

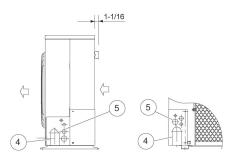
- For fresh air intake

### **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

## **Panasonic**