

Split System Submittal Data

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

Single Split System - Ceiling Recessed Heat Pumps

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) | 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" |
| Drain Connection Size (in.) | 1-17/64" |



| 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 Heater (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 |
| Air duct Extension | Knock-out |
| Condensate Drain Pump | Built in (Limited Vertical Lift) |
| Wireless Remote Controller | Optional |
| Non-Removeable Locking Remo-con Bracket | Available |

Operating Range

| 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 |



