

Split System Submittal Data



Building Life.

System: 09KHS71 Indoor/Outdoor: KHS0971/CH0971
Wall Mounted Heat Pump

Job Name: _____
 Location: _____
 Engineer: _____
 Submitted to: _____
 Submitted by: _____
 Reference: _____

Approval: _____
 Date: _____
 Construction: _____
 Unit #: _____
 Drawing #: _____



General Data (at 115V)

| Power | V/PH/Hz | 115/1/60 |
|------------------|---------|----------|
| Circuit Ampacity | (A) | 20 |
| Fuse Size, Max. | (A) | 20 |

| Compressor | DC Rotary Inverter | |
|------------------|--------------------|--------------|
| No. used | | 1 |
| R.L. Amps - L.R. | (A) | 6.55/9.25-20 |
| Crankcase Heater | (W) | 20 |

| Outdoor Unit | | |
|-------------------------|--------|------------|
| Fan type | | Propeller |
| Dia. (in.) - No. Speeds | | 15-3/4-1 |
| Type Drive - No. Speeds | | Direct - 3 |
| No. Poles | (RPM) | 8-750 |
| No. Motors | (W) | 30-1 |
| CFM | (High) | 883 |
| F.L. Amps | (A) | 0.6 |

| | | |
|----------------------|---------------------------------|--------|
| Coil Type | Aluminum Fin & Copper Pipe | |
| Fin Type - Pipe Type | Corrugated Plate - Inner Rifled | |
| Rows - F.P.I. | | 2-18.1 |
| Face Area | (sq.ft.) | 3.1 |
| Tube Size | (in.) | 5/16" |

| Indoor Unit | | |
|----------------------------------|-------------|-------------|
| Fan type | | Cross Flow |
| Dia. & Length (in.) - No. Speeds | D3-11/6 | L24-31/32-1 |
| No. Speeds | | 3 & Auto |
| No. Poles | (RPM, High) | 4-1200 |
| No. Motors | (W) | 13.8-1 |
| CFM | (Hi/Med/Lo) | 282/247/200 |
| Indoor Sound Rating | (Hi) (dB-A) | 34 |
| F.L. Amps | (A) | 0.345 |

| | | |
|-----------------------|----------------------------------|--------|
| Coil Type | Aluminum Plate Fin & Copper Tube | |
| Fin Type - Pipe Type | Slit Plate - Inner Rifled | |
| Rows - F.P.I. | | 2-19.5 |
| Face Area | (sq.ft.) | 2.02 |
| Tube Size | (in.) | 9/32" |
| Drain Connection Size | (in.) | 23/32" |

| Refrigerant | R410A |
|-----------------------------|---------------------------|
| Lbs. - R410a (outdoor unit) | 2.09 |
| Control | Electric Expansion Valve |
| Connection | Flare |
| Line Length, Max (ft.) | 50 |
| Lift Difference, Max (ft.) | 23 |
| Line Size | (in. O.D. Discharge) 1/4" |
| Line Size | (in. O.D. Suction) 3/8" |

| Dimensions | (in.) | H x W x D |
|--------------|---|-----------|
| Indoor Unit | (Uncrated) 11-7/32 x 32-15/32 x 7-7/16 | |
| | (Crated) 13-25/32 x 35-7/16 x 10-1/32 | |
| Outdoor Unit | (Uncrated) 21-9/16 x 28-11/32 x 10-7/16 | |
| | (Crated) 23-5/8 x 33-11/16 x 14-1/4 | |

| Weight | Indoor | Outdoor |
|-----------------|---------------|---------|
| Net | (lbs.) 19.8 | 75.0 |
| Shipping | (lbs.) 24.3 | 81.6 |
| Shipping Volume | (cu.ft.) 2.82 | 6.36 |

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

| Cooling | (BTU/H) | 9,000 (3,000-9,000) |
|----------------------|-----------|---------------------|
| Total Capacity | (BTU/H) | 7,650 |
| Sensible Capacity | (BTU/H) | 1,350 |
| Latent Capacity | (BTU/H) | 16 |
| SEER | | 3.4 |
| Dehumidification | (Pints/H) | -7.6 (2.5-7.6) |
| Amps | (A) | -755 (250-755) |
| Power Inputs | (W) | 46 |
| Outdoor Sound Rating | (dB-A) | |

| Heating | (BTU/H) | 12,200 (3,000-12,200) |
|----------------|---------|-----------------------|
| Total Capacity | | 8.5 |
| HSPF | | |

➔➔➔ Dimensions

Heating

| | | |
|-----------------------|--------|-------------------|
| Amps | (A) | -/10.3 (2.6-10.3) |
| Max. Amps | (A) | 20 |
| Power Inputs | (W) | -/995 (250-995) |
| Back-up Strip Heater | (KW) | N/A |
| Outdoor Sounds Rating | (dB-A) | 47 |

Options

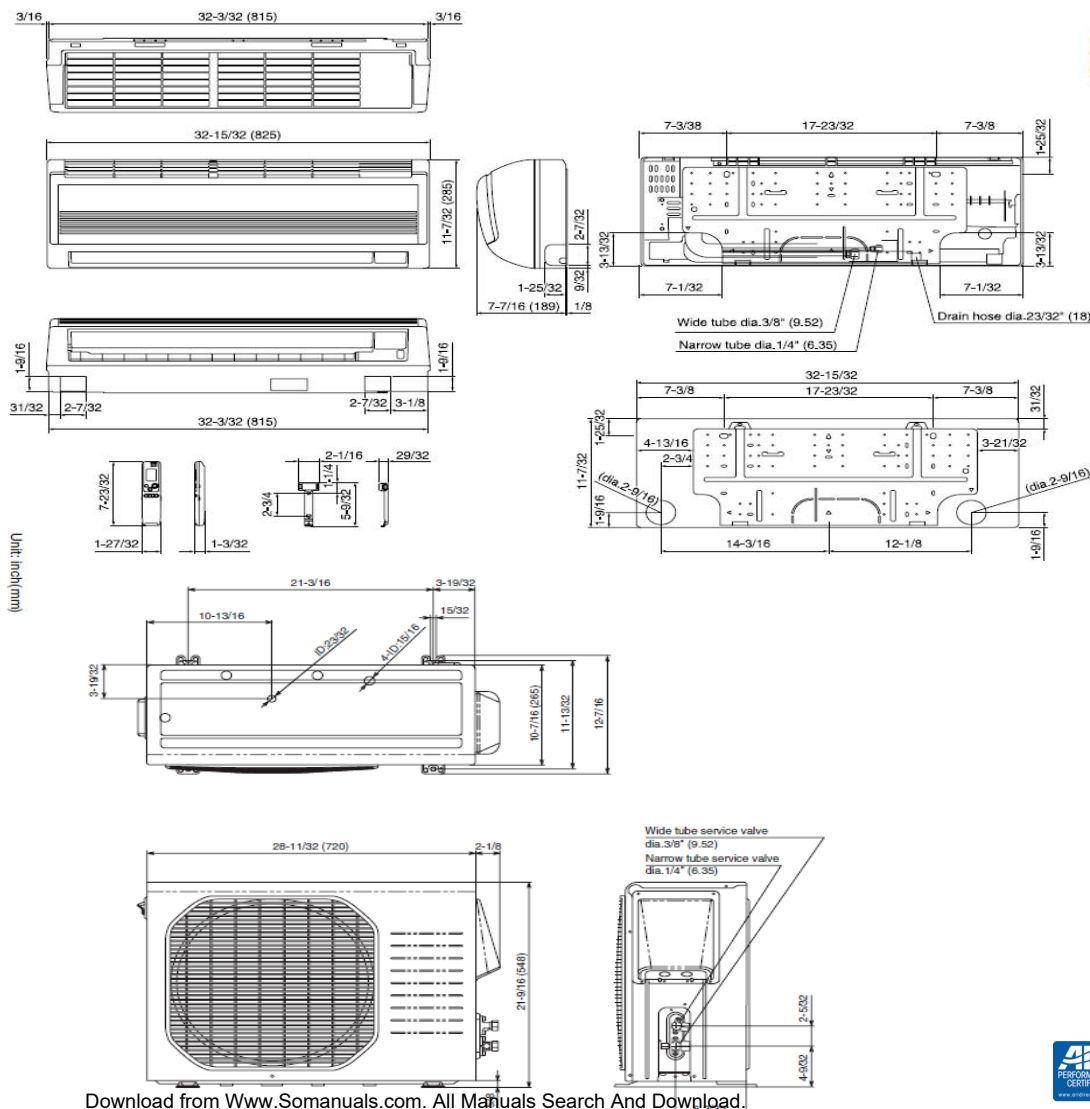
| | |
|---------------------------------|-----------|
| Refrigerant Line Set | Available |
| Fresh Air Intake | N/A |
| Air duct Extension | N/A |
| Condensate Drain Pump | Available |
| Hard Wired Remote Controller | Available |
| Non-Removeable Remo-con Bracket | Available |

Features

| | |
|--------------------------------------|---|
| Controls | Microprocessor |
| Remote Controller | LCD Wireless Type, Temp. Sensor Built In |
| Temperature Control | IC Thermostat |
| Timer | 24 Hr. Program; 1HR 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 |
| Quiet Operation | Built-In |
| Ion Generator | Built-In |
| Air Clean Apatite Filter | Standard |
| Air Filter | Washable, Anti-Mold |

Operating Range

| | | Indoor Air Intake Temp. | Outdoor Air Intake Temp. |
|---------|---------|-------------------------|--------------------------|
| Cooling | Maximum | 95F DB/71F WB | 115F DB |
| | Minimum | 67F DB/57F WB | 0F DB |
| Heating | Maximum | 80F DB/67F WB | 75F DB/65F WB |
| | Minimum | -DB/-WB | 0F DB |



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