

Mitsutomo Submittal Data Sheet

12K BTU Wall Mounted Heat Pump System

Job Name: _____
Engineer: _____
Submitted By: _____
Comments: _____

Date: _____
Unit Tag: _____

System Info & Features:

- Large display handheld remote
- 24 hr timer
- Error code diagnostics
- Functions settings (see manual)
- Economy mode
- Turbo mode
- Dry mode
- Auto condenser coil cleaning cycle



| MODEL NUMBER | |
|---------------|--------------|
| Indoor unit: | RW-SZ12-AB-J |
| Outdoor unit: | RO-SZ12-AB-J |
| Certified: | |

| OPTIONAL ACCESSORIES | |
|--|----------------|
| Wifi Adapter | 17310900A02901 |
| 7 Day Programmable Wall Thermostat | 17317100A37597 |
| 24 Hour Wall Thermostat | 17317100A36958 |
| 24 Volt 3rd Party Thermostat Interface Adapter | 17222000A68532 |

| SYSTEM PERFORMANCE DATA | | |
|--|-------------|-------------------|
| Electrical: | | |
| Normal Operational Voltage | (V, Ph, Hz) | 115V,1Ph,60Hz |
| Minimum circuit ampacity (outdoor) | (A) | 19.5 |
| Max fuse (outdoor) | (A) | 20.0 |
| Connection wiring | | 14/4 Stranded |
| Cooling Efficiencies & Capacity Data: | | |
| Capacity | (Btu/h) | 12000(3800-12100) |
| Power Input | (W) | 1165(239-1890) |
| Current | (A) | 10.13(2.07-16.5) |
| SEER2 | (Btu/W) | 20.8 |
| EER2 | (Btu/W) | 10.3 |
| Heating Efficiencies & Capacity Data: | | |
| Capacity | (Btu/h) | 12000(2730-12500) |
| Power Input | (W) | 1154(376-1390) |
| Current | (A) | 10.05(3.26-16) |
| HSPF2-4 | (Btu/W) | 8.7 |
| HSPF2-5 | (Btu/W) | 6.5 |
| COP | W/W | 3.05 |
| Heat at 17F (H32) | (Btu/h) | 7800 |
| Heat at 5F (H42) | (Btu/h) | 6300 |
| COP at 5F (H42) | W/W | 1.78 |
| Temperature Ratings: | | |
| Indoor (cooling) | (Deg. °F) | 60~90 |
| Indoor (heating) | (Deg. °F) | 32~86 |
| Outdoor (cooling) | (Deg. °F) | 5~122 |
| Outdoor (heating) | (Deg. °F) | 5~75 |

| REFRIGERANT PIPE DATA | | |
|-------------------------------|---------|-----------------------|
| Refrigerant type | | R410A |
| Refrigerant charge | (oz) | 28.57 |
| Refrigerant Precharge | (ft) | 25.0 |
| Additional charge for each ft | (oz/ft) | 0.16 |
| Design Pressure | (PSIG) | 550/340 |
| Liquid side / Gas side | (inch) | 1/4" / 1/2" |
| Max. pipe length | (ft) | 82.0 |
| Max. height difference | (ft) | 32.8 |
| Refrigerant oil / oil charge | (ml) | ESTER OIL VG74 300±10 |
| Connection Method | | Flared |

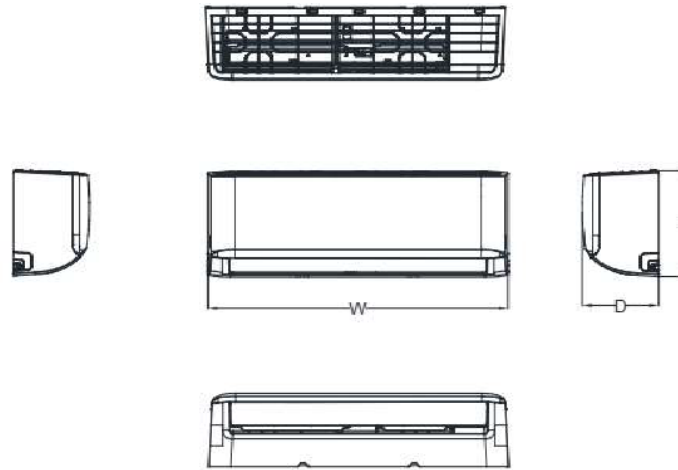
| INDOOR UNIT DATA | | |
|-----------------------------------|-------|-----------------------------|
| Input | (W) | 35.0 |
| Output | (W) | 20.0 |
| RLA | (A) | 0.4 |
| Speed(Hi/Mi/Lo) | (RPM) | 850/750/450 |
| Air Flow & Sound Data: | | |
| Indoor air flow (Turbo/Hi/Med/Lo) | (CFM) | 341.18/300.00/241.18/176.47 |
| Indoor noise level (Hi/Med/Lo) | (DBA) | 41/35/26.5 |
| Dry Mode (Dehumidification) | (LPH) | 1.46 |

| OUTDOOR UNIT DATA | | |
|----------------------------------|---------|-------------|
| Compressor: | | |
| Type | | Rotary |
| Capacity | (Btu/h) | 10577 |
| Input | (W) | 765 |
| Rated current (RLA) | (A) | 12.98 |
| Outdoor Fan Motor: | | |
| Qty | | 1 |
| Input | (W) | / |
| Output | (W) | 34 |
| RLA | (A) | 0.7 |
| Speed | (RPM) | 780/700/600 |
| Airflow & Sound Data: | | |
| Outdoor air flow (Max.) | (CFM) | 1235 |
| Outdoor noise level | (DBA) | 53.5 |

| Dimensions: | | |
|-------------------|--------|-------------------|
| Indoor: | | |
| Dimension (WxDxH) | (inch) | 31.57x7.87x11.61 |
| Packing(WxDxH) | (inch) | 34.45x11.22x14.96 |
| Net/Gross weight | (lbs.) | 18.52/24.03 |
| Outdoor: | | |
| Dimension (WxDxH) | (inch) | 30.12x11.93x21.85 |
| Packing(WxDxH) | (inch) | 34.92x13.27x24.02 |
| Net/Gross weight | (lbs.) | 62.17/67.68 |

| WARRANTY | |
|----------|-------------------------------------|
| | 5 years compressor 5 years parts |

Indoor Unit Dimension



| |
|----------------------|
| WxDxH (inch) |
| 31.57 x 7.87 x 11.61 |

Outdoor Unit Dimension

