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**SAMSUNG**

# SUBMITTAL DATA

## V1BPNH01, V1BPNH02 Base Pan Heater for Mini-VRF Systems

Job Name: \_\_\_\_\_

Location: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Engineer: \_\_\_\_\_

Submitted to: \_\_\_\_\_

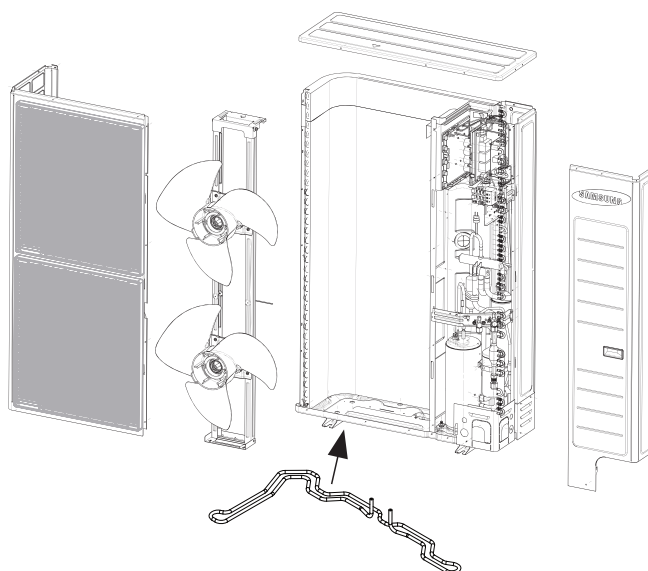
Reference \_\_\_\_\_ Approval \_\_\_\_\_ Construction \_\_\_\_\_

Unit designation: \_\_\_\_\_

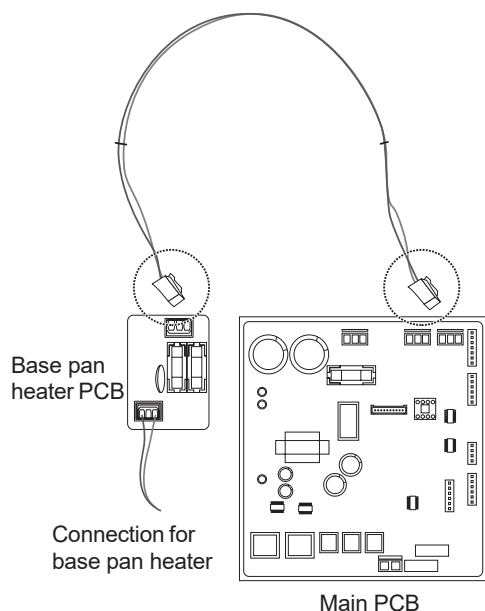
Schedule #: \_\_\_\_\_

| V1BPNH01, V1BPNH02 |               |      |      |
|--------------------|---------------|------|------|
| Power              | Rated Voltage | 208V | 230V |
|                    | Power Input   | 123W | 150W |

| System Model              | Model        | Base Pan Heater |
|---------------------------|--------------|-----------------|
| Mini-VRF<br>Heat Recovery | VRD036S6M-5P | V1BPNH01        |
|                           | VRD048S6M-5P |                 |
|                           | VRD060S6M-5P |                 |
| Mini-VRF<br>Heat Pump     | VPD024S6M-5P | V1BPNH02        |
|                           | VPD036S6M-5P |                 |
|                           | VPD048S6M-5P |                 |
|                           | VPD060S6M-5P |                 |
|                           | VPD060H6M-5P |                 |



V1BPNH01, V1BPNH02 base pan heater kits include: base pan heater, control PCB and wire harness, and all necessary screws and clips for installation.



### Description

- Base pan heater is used to prevent ice formation in the bottom of Mini-VRF outdoor units and to promote water drainage after defrost cycles in extreme low ambient temperatures.
- Powered and controlled by the Mini-VRF outdoor unit.
- The base pan heater control PCB will install inside the Mini-VRF outdoor unit.
- Application of base pan heaters is recommended when:
  1. The outdoor unit will operate in low temperature, high humidity conditions for periods 72 hours or longer.
  2. When outside temperatures will drop below freezing for 24 hours.
- The base pan heater shall activate when:
  1. The outdoor unit is in heating or main heating mode and outdoor temperature is below 30°F (-1°C)  
OR
  2. If snow accumulation prevention is enabled: When an outdoor unit has been idle for 30 minutes and outside temperature is 41°F (5°C) or lower the base pan heater will turn on every 30 minutes for 5 minutes and the fan will operate for 1 minute.
- Outdoor option setting must be enabled for base pan heater use.