

## Z-Wave Protocol Implementation Conformance Statement

# Thermostatic Radiator Valve

### General Information

|                                |                      |
|--------------------------------|----------------------|
| <b>Product Identifier:</b>     | AC301-1              |
| <b>Brand Name:</b>             | Everspring           |
| <b>Product Version:</b>        | HW: 1 FW: 1.01:00.00 |
| <b>Z-Wave Certification #:</b> | ZC10-19126824        |

### Product Features

|  |                             |
|--|-----------------------------|
| <b>Battery Quantity</b>                  | 2                           |
| <b>Battery Type</b>                      | 1.5V AA Battery             |
| <b>Color</b>                             | White                       |
| <b>Firmware Updatable</b>                | Updatable by Consumer by RF |
| <b>Thermostat HVAC Systems Supported</b> | Heat Only                   |
| <b>Thermostat Modes</b>                  | Energy Save Heat<br>Heat    |
| <b>Thermostat Power Source</b>           | Battery                     |

### Z-Wave Product Information

|                                      |   |
|--------------------------------------|---|
| Supports Z-Wave Beaming Technology?  | Yes                                       |
| Supports Z-Wave Network Security?    | Yes                                       |
| Supports Z-Wave AES-128 Security S0? | Yes                                       |
| Supports Security S2?                | Yes: S2 Authenticated, S2 Unauthenticated |
| SmartStart Compatible?               | Yes                                       |

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(Continued)

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### Z-Wave Technical Information

|  |  |
|--|--|
| <b>Z-Wave Frequency:</b>               | CEPT (Europe)                                |
| <b>Z-Wave Product ID:</b>              | 0x0001                                       |
| <b>Z-Wave Product Type:</b>            | 0x0015                                       |
| <b>Z-Wave Hardware Platform:</b>       | SD3502                                       |
| <b>Z-Wave Development Kit Version:</b> | 6.81.03                                      |
| <b>Z-Wave Library Type:</b>            | Enhanced 232 Slave                           |
| <b>Z-Wave Device Type / Role Type:</b> | Thermostat - HVAC / Listening Sleeping Slave |

### Association Group Information

**Group # / Max**    **Description**

**Nodes**

|       |  |
|-------|--|
| 1 / 1 | Group 1 command: -When the unit is powered up first time, the unit will send a Notification Report and Clock report to the node of Group 1. -When the battery level of the unit drops to an unacceptable level, the unit will emit Battery report to the nodes of Group 1. -When performing Factory Reset the unit will send Device Reset Locally Notification to the node of Group1. -The unit will send Sensor Multilevel Report to the node of Group 1 every two hours. -When changing mod of the unit, it will send Thermostat Mode Report to the node of Group 1. -When changing target value of temperature, the unit will send Thermostat Setpoint Report to the node of Group 1. -When changing the state of button lock, the unit will send Protection Report to the node of Group 1. |
|-------|--|

#### Supported Command Classes (21):

|                          |                              |
|--------------------------|------------------------------|
| Association Group Info   | Association V2               |
| Basic                    | Battery                      |
| Clock                    | Configuration                |
| Device Reset Locally     | Firmware Update Meta-Data V4 |
| Manufacturer Specific V2 | Notification V8              |
| Powerlevel               | Protection                   |
| Security S0              | Security S2                  |
| Sensor Multilevel V5     | Supervision                  |
| Thermostat Mode V3       | Thermostat Setpoint V3       |
| Transport Service V2     | Version V3                   |
| Z-Wave Plus Info V2      |                              |