

Z-Wave Protocol Implementation Conformance Statement

Thermostat

General Information

Product Identifier:	TBZ500
Brand Name:	RCS
Product Version:	HW: 1 FW: 1.00:02.16
Z-Wave Certification #:	ZC10-19076651

Product Features

Firmware Updatable	Updatable by Consumer by RF
Sensors	Air Temperature Humidity
Battery Type	AA
Color	White
Battery Quantity	4
Thermostat HVAC Systems Supported	Cool Only Heat Only Heat Pump Multi Stage
Thermostat Modes	Auto Auxiliary/Emergency Heat Cool Fan Only Heat
Thermostat Power Source	Battery Power Stealing (hard-wired 24V)

Z-Wave Product Information

Supports Z-Wave Beaming Technology? Yes

Z-Wave Protocol Implementation Conformance Statement

(Continued)

Thermostat

Z-Wave Technical Information

Z-Wave Frequency:	U.S. / Canada / Mexico
Z-Wave Product ID:	0x543A
Z-Wave Product Type:	0x5442
Z-Wave Hardware Platform:	ZM5202
Z-Wave Development Kit Version:	6.51.06
Z-Wave Library Type:	Routing Slave
Z-Wave Device Type / Role Type:	Thermostat - HVAC / Listening Sleeping Slave

Association Group Information

Group # / Max Description

Nodes

1 / 5	Z-Wave Plus Lifeline Group 1 Association is the default status report channel in Z-Wave+ lifeline requirements. Group 1 Alerts are to notify an associated device of a thermostat generated change. Thermostat generated changes are those changes that originate at or by the thermostat. The following Command Classes can be sent to the lifeline: • BATTERY_REPORT • DEVICE_RESET_LOCALLY_NOTIFICATION • SENSOR_MULTILEVEL_REPORT • THERMOSTAT_SETPOINT_REPORT • THERMOSTAT_SETPOINT_MODE • THERMOSTAT_FANMODE_REPORT • THERMOSTAT_FANSTATE_REPORT • THERMOSTAT_OPERATINGSTATE_REPORT • THERMOSTAT_CONFIGURATION_REPORT
2 / 5	Group 2 Association Alerts will send a BASIC_SET 0xFF when a Cool Call starts and a BASIC_SET 0x00 when the Cool Call ends.
3 / 5	Group 3 Association Alerts will send a BASIC_SET 0xFF when a Heat Call starts and a BASIC_SET 0x00 when the Heat Call ends.

Supported Command Classes (21):

Association Group Info	Association V2
Basic	Battery
Clock	Configuration
Device Reset Locally	Firmware Update Meta-Data V2
Manufacturer Specific	Multi-Command
Powerlevel	Scene Activation
Scene Actuator Conf	Sensor Multilevel
Thermostat Fan Mode	Thermostat Fan State
Thermostat Mode	Thermostat Operating State
Thermostat Setpoint V2	Version V2
Z-Wave Plus Info V2	

Controlled Command Classes (1):

Basic