

Z-Wave Protocol Implementation Conformance Statement

TBZ500 Thermostat

General Information

Product Identifier:	TBZ500
Brand Name:	RCS
Product Version:	HW: 4 FW: 6.08:03.00
Z-Wave Certification #:	ZC10-20066926

Product Features

Battery Type	AA
Battery Quantity	4
Firmware Updatable	Updatable by Consumer by RF
Thermostat HVAC Systems Supported	Cool Only Heat Only Heat Pump Multi Stage Single Stage
Thermostat Modes	Auto Auto Changeover Auxiliary/Emergency Heat Cool Fan Only Heat
Thermostat Power Source	Battery External Transformer Power Stealing (hard-wired 24V)

Z-Wave Product Information

Supports Z-Wave Beaming Technology?	Yes
Supports Z-Wave Network Security?	Yes
Supports Z-Wave AES-128 Security S0?	No

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Z-Wave Technical Information

Z-Wave Frequency:	U.S. / Canada / Mexico
Z-Wave Product ID:	0x5439
Z-Wave Product Type:	0x5442
Z-Wave Hardware Platform:	ZM5202
Z-Wave Development Kit Version:	6.82.00
Z-Wave Library Type:	Routing Slave
Z-Wave Device Type / Role Type:	Thermostat - HVAC / Always On Slave

Association Group Information

Group # / Max Description

Nodes

1 / 5	Z-Wave Lifeline
2 / 5	A basic set of 0xFF is sent out when a cool call starts and 0x00 is sent when a cool call ends.
4 / 5	A basic set of 0xFF is sent out when a heat call starts and 0x00 is sent when a heat call ends.

Supported Command Classes (22):

Anti-Theft V2	Association Group Info
Association V2	Basic
Battery	Configuration V2
Device Reset Locally	Firmware Update Meta-Data V3
Manufacturer Specific V2	Multi-Command
Powerlevel	Security S2
Sensor Multilevel V5	Supervision
Thermostat Fan Mode	Thermostat Fan State
Thermostat Mode V3	Thermostat Operating State V2
Thermostat Setpoint V3	Transport Service V2
Version V2	Z-Wave Plus Info V2