

**Service Bulletin 113**

April 6, 2021

**Information Available on the tekmarNet® Gateway 486 – Replaces ALL Versions of SB107**

This document provides a reference for determining if specific control or thermostat items are available for viewing or adjustment within the tekmarNet® Gateway 486.

R = Read      W = Write

Thermostats	532	552	553	554	557
Thermostat Name	R/W	R/W	R/W	R/W	R/W
Air Temperature	R	R	R	R	R
Floor Temperature	R <sup>1</sup>	R <sup>1</sup>	R <sup>1</sup>	R <sup>1</sup>	R <sup>1</sup>
Outdoor Temperature	R <sup>1</sup>	R <sup>1</sup>	R <sup>1</sup>	R <sup>1</sup>	R <sup>1</sup>
Heating Setpoint	R/W	R/W	R/W	R/W	R/W
Floor Minimum Setpoint	R/W <sup>1</sup>	R/W <sup>1</sup>	R/W <sup>1</sup>	R/W <sup>1</sup>	R/W <sup>1</sup>
Cooling Setpoint	-	-	R/W	R/W	R/W
Fan	-	-	R/W	R/W	R/W
Humidity Minimum	-	-	R/W <sup>1</sup>	-	R/W <sup>1</sup>
Humidity Maximum	-	-	R/W <sup>1</sup>	-	R/W <sup>1</sup>
Programmable Schedule (Occupied and Unoccupied Setpoints)	R/W	R/W	R/W	R/W	R/W
Away Setpoints	R/W	R/W	R/W	R/W	R/W
Change Scene Presets	-	-	-	-	-
Mode Off	R/W	R/W	R/W	R/W	R/W
Mode Heat	R/W	R/W	R/W	R/W	R/W
Mode Cool	-	-	R/W	R/W	R/W
Mode Auto	-	-	R/W	R/W	R/W
Mode Emergency Heat	-	-	R <sup>1</sup>	-	R <sup>1</sup>
Graph Room Temperature	R	R	R	R	R
Graph Floor Temperature	R <sup>1</sup>	R <sup>1</sup>	R <sup>1</sup>	R <sup>1</sup>	R <sup>1</sup>
Graph Outdoor Temperature	R <sup>1</sup>	R <sup>1</sup>	R <sup>1</sup>	R <sup>1</sup>	R <sup>1</sup>
Graph Heat Setpoint	R	R	R	R	R
Graph Cool Setpoint	-	-	R	R	R
Graph Relative Humidity	-	-	R <sup>1</sup>	-	R <sup>1</sup>
Graph Humidify Setpoint	-	-	R <sup>1</sup>	-	R <sup>1</sup>
Graph Dehumidify Setpoint	-	-	R <sup>1</sup>	-	R <sup>1</sup>
Notification of Errors	R	R	R	R	R
Notification to Replace Fan Filter	R	R	R	R	R

**R** = Read      **W** = Write

<b>Setpoint Controls</b>	<b>161</b>	<b>162<sup>2</sup></b>
Setpoint Control Name	R/W	R/W
Sensor Temperature	R	R
Outdoor Temperature	R	R <sup>1</sup>
Heating Setpoint	R/W	R/W
Cooling Setpoint	-	R/W <sup>1</sup>
Programmable Schedule (Occupied and Unoccupied Setpoints)	R/W	R/W
Away Setpoints	R/W	R/W
Change Scene Presets	-	-
Mode Off	R/W	R/W
Mode Heat	R/W	R/W
Mode Cool	-	R/W <sup>1</sup>
Graph Sensor Temperature	R	R
Graph Heating Setpoint	R	R
Graph Cooling Setpoint	-	R
Notification of Errors	R	R

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<b>Snow Melt Controls</b>	<b>654</b>	<b>670</b>	<b>671</b>
Snow Melt Control Name	R/W	R/W	R/W
Slab Temperature	R	R	R
Melting Setpoint	R/W	R/W	R/W
Start/Stop Melting	R/W	R/W	R/W
Graph Slab Target	R	R	R
Graph Slab Temperature	R	R	R
Graph Outdoor Temperature	R	R	R
Notification of Errors	R	R	R

R = Read      W = Write

System Controls	274	275	284	400	401	402	403	406	420	422	423
Outdoor Temperature	R	R	R	R	R	R	R	R	R	R	R
Boiler Target	R	R	R	R	R	R	R	R	R	R	R
Boiler Supply Temperature	R	R	R	R	R	R	R	R	R	R	R
Boiler Return (requires sensor)	R <sup>1</sup>	R <sup>1</sup>	R <sup>1</sup>	-	-	-	-	-	-	-	-
Boiler % Output (per boiler)	R	R	R	R	R	R	R	R	R	R	R
Boiler Runtime (per boiler)	R	R	R	R	R	R	R	R	R	R	R
Boiler Loop or Primary Pump Status (On/Off)	R	R	R	R	R	R	R	R	R	R	R
DHW Call Status (On/Off)	R	R	R	R	R	R	R	R	R	R	R
DHW Temperature (requires DHW sensor)	R <sup>1</sup>	R <sup>1</sup>	R <sup>1</sup>	R <sup>1</sup>	R <sup>1</sup>	R <sup>1</sup>	R <sup>1</sup>	R <sup>1</sup>	-	-	R <sup>1</sup>
DHW Target	R <sup>1</sup>	R <sup>1</sup>	R <sup>1</sup>	R <sup>1</sup>	R <sup>1</sup>	R <sup>1</sup>	R <sup>1</sup>	R	-	-	R
Setpoint Call Status (On/Off)	R	R	R	R	R	R	R	R	-	-	R
Mix 1 Target	-	-	-	-	-	-	R	R	-	R	R
Mix 1 Supply Temperature	-	-	-	-	-	-	R	R	-	R	R
Mix 1 % Output	-	-	-	-	-	-	R	R	-	R	R
Mix 1 System Pump Status (On/Off)	-	-	-	-	-	-	R	R	-	R	R
Mix 2 Target	-	-	-	-	-	-	-	-	-	R <sup>1</sup>	R
Mix 2 Supply Temperature	-	-	-	-	-	-	-	-	-	R <sup>1</sup>	R
Mix 2 % Output	-	-	-	-	-	-	-	-	-	R <sup>1</sup>	R
Mix 2 System Pump Status (On/Off)	-	-	-	-	-	-	-	-	-	R <sup>1</sup>	R
Mix 3 Target	-	-	-	-	-	-	-	-	-	-	R
Mix 3 Supply Temperature	-	-	-	-	-	-	-	-	-	-	R
Mix 3 % Output	-	-	-	-	-	-	-	-	-	-	R
Mix 3 System Pump Status (On/Off)	-	-	-	-	-	-	-	-	-	-	R
Tank Target	-	-	-	-	-	-	-	R	-	-	-
Tank Supply Temperature	-	-	-	-	-	-	-	R	-	-	-
Tank Loop Pump Status (On/Off)	-	-	-	-	-	-	-	R	-	-	-
Heat Pump Return Temperature	-	-	-	-	-	-	-	R	-	-	-
Heat Pump Output	-	-	-	-	-	-	-	R	-	-	-
Heat Pump Loop Pump Status (On/Off)	-	-	-	-	-	-	-	R	-	-	-
Graph Outdoor Temperature	R	R	R	R	R	R	R	R	R	R	R
Graph Boiler Target	R	R	R	R	R	R	R	R <sup>1</sup>	R	R	R
Graph Boiler Supply Temperature	R	R	R	R	R	R	R	R <sup>1</sup>	R	R	R
Graph Boiler % Output (per boiler)	R	R	R	R	R	R	R	R <sup>1</sup>	R	R	R
Graph DHW Sensor	-	-	-	-	-	-	-	-	-	-	-
Graph Mix 1 Target	-	-	-	-	-	-	R	R <sup>1</sup>	-	R	R
Graph Mix 1 Supply	-	-	-	-	-	-	R	R <sup>1</sup>	-	R	R
Graph Mix 2 Target	-	-	-	-	-	-	-	-	-	-	R
Graph Mix 2 Supply	-	-	-	-	-	-	-	-	-	-	R
Graph Mix 3 Target	-	-	-	-	-	-	-	-	-	-	R
Graph Mix 3 Supply	-	-	-	-	-	-	-	-	-	-	R
Graph Tank Target	-	-	-	-	-	-	-	R	-	-	-
Graph Tank Supply Temperature	-	-	-	-	-	-	-	R	-	-	-
Graph Heat Pump % Output	-	-	-	-	-	-	-	R	-	-	-
Notification of Errors	R	R	R	R	R	R	R	R	R	R	R

Notes:

1. Requires extra sensors or specific configuration
2. Setpoint Control 162 with lot number **lower** than lot 29478 require a tekmar system control (example: 400, 401, 402, 403, 406, 422, 423, 274, 275, 284) on the tekmar network.