

New microcontroller version in the Ally™ Radiator Thermostat

This document is intended to support Zigbee Integration Partners who have already integrated Danfoss Ally™ Radiator Thermostats in their own (non Danfoss) Hub/Gateway.

A new microcontroller change in the Danfoss Ally™ Radiator Thermostat lead to a new OTA file update and requires for an additional integration task to carry out by the Partners.

All current features will remain the same, with no changes!

Same Radio Module SW – no difference in Zigbee integration and rules.

Same behaviour – all the current features are cloned and ported to the new electronics

Same mechanical and electromechanical components

Same LCD display and UI

How to identify the Ally™ Radiator Thermostat with a new microcontroller?

The new radiator thermostat version will have a 'G' added before the serial number located at the upper side of the thermostat laser design.



Partners who have previously (by December 2022) integrated the Ally™ Radiator Thermostats in their Hub/Gateway, will also need to complete the microcontroller integration in order to ensure compatibility.

The Ally™ changes its network identifier parameters:

Previous parameters PSoC4:		New parameters PSoC6:
014G2420/2460/2461 – “Ally™ Radiator Thermostat”	Same	014G2420/2460/2461 – “Ally™ Radiator Thermostat”
Basic Cluster (0x0000): 0x0005 Model Identifier – “eTRV0100”	New	Basic Cluster (0x0000): 0x0005 Model Identifier – “eTRV0103”
OTA Cluster (0x0019): 0x0008 Image Type ID – “0x0100”	Same	OTA Cluster (0x0019): 0x0008 Image Type ID – “0x0120”