

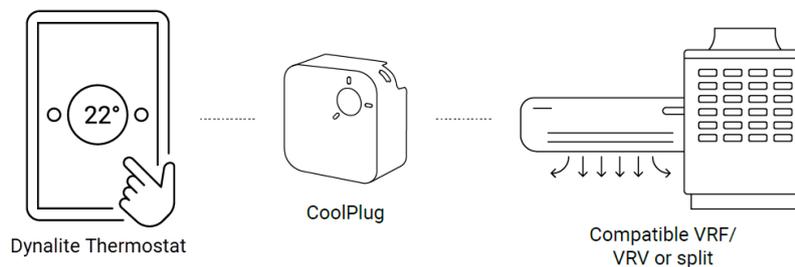
CoolPlug - HVAC

Integration Overview

'Works with Dynalite' certification provides customers with confidence that a partner's integration with the Dynalite system is functionally sound and performs as designed. This helps integrators reduce deployment risk, lower total cost of ownership, and improve the user experience related to the integrated service.

Purpose

CoolAutomation integrates with Dynalite via a CoolPlug device. The solution provides bidirectional communication with VRF, Split, Multi-Split and Mini-Split HVAC units. The CoolPlug model must match the HVAC unit being controlled.



☰ Other CoolAutomation integrations include CoolLinkHub and CoolMaster.

Capabilities

CoolPlug provides full control of a range of indoor HVAC units from different manufacturers. For more information refer to <https://coolautomation.com/products/coolplug-coolinkhub/>

The Dynalite system provides the temperature setpoint, current temperature and fan speed, typically from a user interface such as an Antumbra Display, Revolution Display or PDTs touchscreen. Alternatively, the HVAC unit may also provide the current temperature.

Integration method

CoolPlug HVAC terminals are connected to an indoor HVAC unit and the PBUS terminals are connected to the RS-485 DyNet bus.

Each CoolPlug controls a single HVAC zone, which is mapped to a DyNet area.

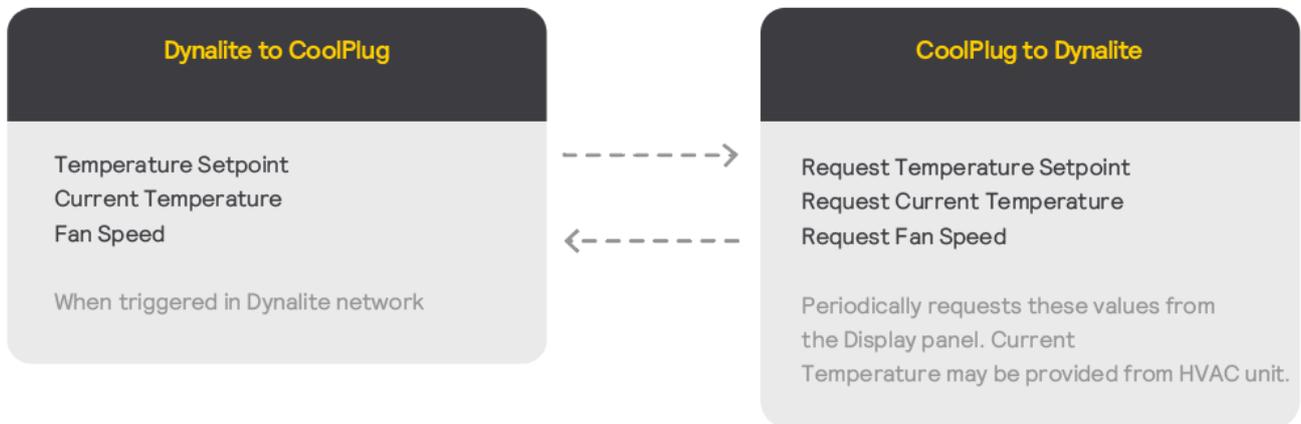
CoolPlug units poll for Temperature Setpoint, Current Temperature, Fan Speed and Heat/Cool Modes.

The **CoolPlug Integration - AntumbraDisplay.evt** task template is configured in the user interface to listen and reply to those messages to keep values synchronised.

Technical Requirements

Dynalite environment	Partner environment
PC with System builder software to configure the CoolPlug Integration – AntumbraDisplay.evt task template in a user interface device.	PC with CoolPlug Terminal software to configure the CoolPlug.
For commissioning information, refer to the Dynalite CoolPlug Technical Note at support.dynalite.com .	For supported HVAC units, refer to CoolPlug with Dynalite for VRV systems at support.coolautomation.com .

Dataflow Diagram



Contact Details

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