Discharge Air Controller (DAC)

Update Advisory 1.05F01

The Discharge Air Controller (DAC) is a packaged HVAC control board for use either as a standalone controller or in zone control applications interfaced with a building control system.

The DAC is capable of controlling heat and cool stages, fans, dehumidification devices, and economizers using on-board I/O and control algorithms, as well as monitor and interact with other building control systems and peripherals.

What's New in the Discharge Air Controller Software Version 1.05F01:

Table 1: DAC Updates and Description Matrix

Features and Fix Descriptions
Features
Added adjustable scaling and minimum temperature feature for reheat during dehumidification. This feature is specific to Aaon units equipped with an MHGRV control board.
Added a master Enable function. The overall DAC operation can be Enabled/Disabled from the Supervisory controller via Modbus communication or using a locally connected Visograph. While the DAC is in the Disabled state, the operation will be as follows: • All outputs will be off/inactive and no new alarms will be generated. • The Disabled state will be persistent through a controller reboot. An Enable signal from the Supervisory controller or the local Visograph must be received for the DAC to resume normal operation.
Fix
Fixed incorrect Alarm Delay value for the Control Temperature Low Alarm. Previously, this alarm referenced the High Alarm Delay parameter instead of the Low Alarm Delay parameter.

Visit our website at **copeland.com/en-us/products/controls-monitoring-systems** for the latest technical documentation and updates.
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