

High Pressure CO₂ Controller

Update Advisory App Version 231001

The High Pressure CO₂ controller (P/N 818-9010) application is a standalone controller that operates the High Pressure Valve (HPV) and the Bypass Gas Valve (BGV) in a Booster Transcritical CO₂ system.

With the new application version 231001, revised versions of the.ADF 531-0363 and .DSC files 527-0995 are available.

What's New in the High Pressure CO₂ Controller App Version 231001:

Table 1: CO₂ Updates and Description Matrix



Features and Fixes Descriptions

Features

PGMin (Minimum Gas Cooler) Parameter

- This parameter will ensure that the minimum gas cooler setpoint in transcritical mode does not go below the value entered in PGmin.

Fixes

Min and Max Defaults - Changed Defaults, Min and Max of multiple parameters:

- HPMinD
- HSPA
- Hi Pres Setpt
- BGV INC
- BGV RS
- BGV PB
- HPV close rate
- HPV PB-Press
- HPV Mode Hyst

Visograph

- Updated Visograph parameter sequence to match description files. Also fixed decimal point visualization on Setpoint value in HPV Status page.

For more information on these updates, scan the QR code to access the latest user guide:



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

For Technical Support call 833-409-7505 or email ColdChain.TechnicalServices@Copeland.com