

5 ways Eaton's PowerXL® DH1 drives helps transform HVAC/R energy management

Emerging trends in the HVAC/R industry require that you **work smarter, faster and more efficiently** than ever before. And with ever changing regulatory requirements, you need components that are built to keep up with new system demand. Discover how the **PowerXL® DH1 variable frequency drive** was designed in response to today's needs, with an eye towards what's to come.

1 Industry-leading energy efficiency

PowerXL DH1 comes standard with Eaton's Active Energy Control® energy optimization algorithm. This patented feature monitors a motor's run-time loading conditions and dynamically adjusts the drive's output to maximize energy savings—with no manual tuning required.



2 Ease of use

PowerXL DH1 VFDs help reduce commissioning time and management complexity with an intuitive Startup Wizard, PC Tool software, three built-in applications, diagnostics, on-board fire mode, removable keypad with copy/paste functionality and real-time clock.



3 Built-in building automation communication protocols

Connectivity is vital for monitoring and managing critical equipment. The PowerXL DH1 VFD features on-board BACnet/IP, BACnet MS/TP, Modbus RTU and Modbus/TCP communications to ensure you're always connected.

4 On-board I/O

The PowerXL DH1 includes built-in, on-board I/O to help eliminate the need for costly option cards, and to work seamlessly right out of the box.

5 Space saving design

Compact, loose and enclosed VFD designs allow for greater flexibility of your facility and equipment layout.



Eaton's solutions »



The DH1 HVAC/R drives are part of the Eaton PowerXL series of variable frequency drives specifically engineered to exceed the demands of the HVAC/R market.

To learn more, visit Eaton.com/DH1 and Eaton.com/DH1demo.