



Friedrich PlusOne Diagnostics ClearControl

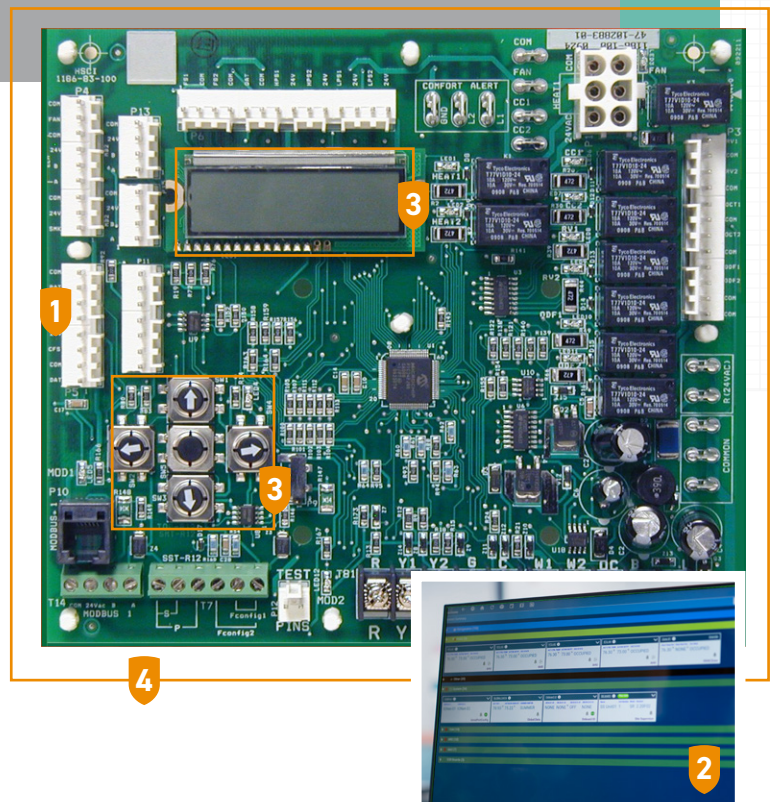
Innovation in Design & Serviceability

The Friedrich® PlusOne® Diagnostics ClearControl™ DDC system is an innovative solution that empowers building owners with greater control and flexibility over their commercial HVAC units. Designed for seamless integration with smart buildings and efficient operation, ClearControl offers a range of features that optimize comfort, streamline serviceability and reduce costs, proving simplicity is the ultimate sophistication.

THE CLEARCONTROL ADVANTAGE

ClearControl boasts several key features that help make Friedrich HVAC units a leading choice among contractors, HVAC system specifiers and building owners, including:

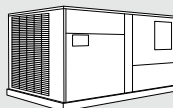
- 1 Factory-installed sensors**
Eliminate the need for additional sensor installation, saving on expensive labor costs and valuable time on the job site, and allow you to rest easy knowing it all comes installed from the factory. These sensors include a clogged filter switch (CFS), fan proving switch (FPS), return air temperature (RAT), discharge air temperature (DAT) and outdoor air temperature (OAT).
- 2 Open communication protocols**
Run the HVAC system independently or integrate it easily with a BAS for centralized control and optimization with BACnet®, LonWorks® or MODBUS®.*
- 3 User-friendly interface**
Experience improved troubleshooting and maintenance with a simple keypad menu and a two-line, 16-character LCD display that clearly identifies system status and takes the guesswork out of equipment diagnosis. By eliminating complicated codes or lights, which can be understandably time-consuming to interpret, and adding an intuitive keypad that is easy to navigate for evaluating system settings, status information, and diagnostics, ClearControl positively impacts ease of service.



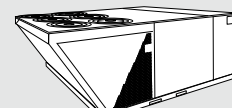
- 4 Cost-effective embedded controls**
Avoid the additional labor, hardware and materials costs associated with a proprietary communication protocol. Factory-installed ClearControl, along with all necessary hardware, achieves this by reducing the number of devices, added controllers and specialized labor required to install and program at a building site.

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THE CLEARCONTROL DIFFERENCE:

Friedrich® ClearControl™ is an advanced DDC system that comes with several major benefits for contractors, building owners and facility managers, including:



Freedom to choose:

With our open approach to communication protocols, units integrate easily with the preferred Building Automation System (BAS), saving on total project materials and labor costs and avoiding limitations imposed by proprietary communication protocols.



Reduced service costs:

Early problem identification minimizes downtime and empowers facilities managers and HVAC professionals to perform preventive maintenance, helping prolong equipment life and maximizing unit uptime.



Reduced installation costs:

Factory-installed sensors eliminate the need for additional materials and labor, saving time and money on the job site while ensuring the right sensors for controlling the conditioned space are present for optimal performance.



Improved serviceability:

Advanced diagnostics simplify troubleshooting and maintenance, ensuring the system stays operational and minimizing unit downtime. It also helps contractors improve customer satisfaction while positively impacting profitability.



Future-proof design:

An open approach to communication protocols gives greater flexibility for any future equipment or controls that may need to be added.

*BACnet® is a registered trademark of ASHRAE. LonWorks® is a registered trademark of the Echelon Corporation. MODBUS® is a registered trademark of Schneider Electric USA, Inc. All other trademarks are owned by Rheem Manufacturing Company or its affiliates.

Learn more about Friedrich Commercial Air at

Friedrich.com/Commercial

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