



# Remote Communication and Control

## Xe-145F Controller

### Maximize efficiency and convenience.

Ingersoll Rand's Xe-145F controller for centrifugal compressors provides advanced remote communications and control that offer new levels of convenience and efficiency, both in the compressor room and back at your desk. Compressors can be remotely accessed and controlled from anywhere on your network or over the Internet using a simple Ethernet connection. An intuitive web interface makes it easy to find information and change settings, saving time and effort. Compressor performance data can be captured and analyzed quickly and effectively using built-in logging and graphing capabilities.



MCMC	
Delivery Pressure	102 psi
Internal Pressure	110 psi
Separator Differential	8 psi
Delivery Temperature	100 °F
% Load	100 %
Total Hours Run	1224 hrs
Total Hours Onhold	0 hrs
Service Hours	0 hrs
Compressor ID	1798
Compressor No.	0001
Upper Pressure Set Point	104 psi
Lower Pressure Set Point	100 psi

# A Controller Like No Other

The Ingersoll Rand Xe-145F controller features remote access control, an easy to use web interface and built-in performance and reporting capabilities to maximize your productivity, while delivering the ultimate in convenient operation.

## Remote Access and Control

Integrate your compressor into your plant DCS or other automation system, or take control from any web enabled computer using a standard browser, without special hardware or software:

- **Choice of connections:** choose Ethernet, service port, remote contacts or Modbus
- **Immediate notice of alarm:** receive automatic email notifications of system warnings and trips.
- **Full remote control:** start, stop, load or unload from any page.



## Intuitive and Easy to Use Web Interface

The controller's web interface provides you with a user-friendly view of your compressor's vital signs:

- **Find key information quickly and easily** with tab-based web pages.
- **For simplicity**, all basic remote control functions are arranged on the left side of every page.
- **Understand your compressor's condition** at a glance with the intuitive dashboard.



## Built-in Performance and Reporting Capabilities

It's easy to keep track of compressor performance through the Xe-145F controller's integrated reporting capabilities:

- **Knowledge is power** with the performance log, which averages key parameters for an unparalleled window into compressor use.
- **Gain a permanent and reliable record** through the automated inspection log, which records data and events at customizable intervals. Access is simple through the LAN or receive the log automatically via email.
- **Make maintenance predictable** through graphing capabilities, which show trends of selected parameters over time.

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