



CC-600 BOILER MASTER CONTROL

FOR STEAM OR HOT WATER BOILERS WITH
MODULATING, ON/OFF OR HIGH/LOW BURNERS



THE ALGORITHM MAKES THE DIFFERENCE™

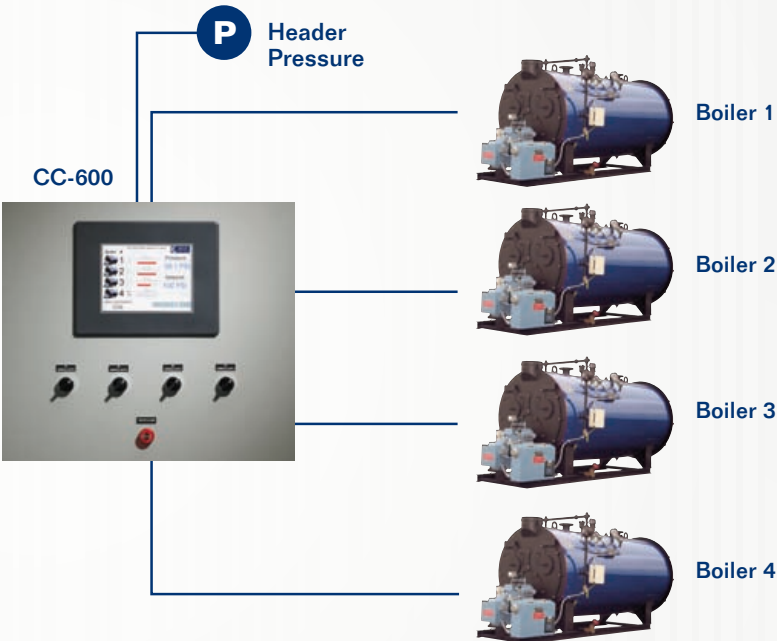
Introduction

For over 30 years, Century Controls has developed and manufactured superior systems that help boiler and air compressor owners save fuel, and limit maintenance costs, while reducing greenhouse gas emissions. The company has a proven product line and the ability to customize control sequences for applications in the boiler room. Now with the continuing increases in fuel prices, it is imperative that boiler users do everything possible to cut fuel costs and extend equipment life.

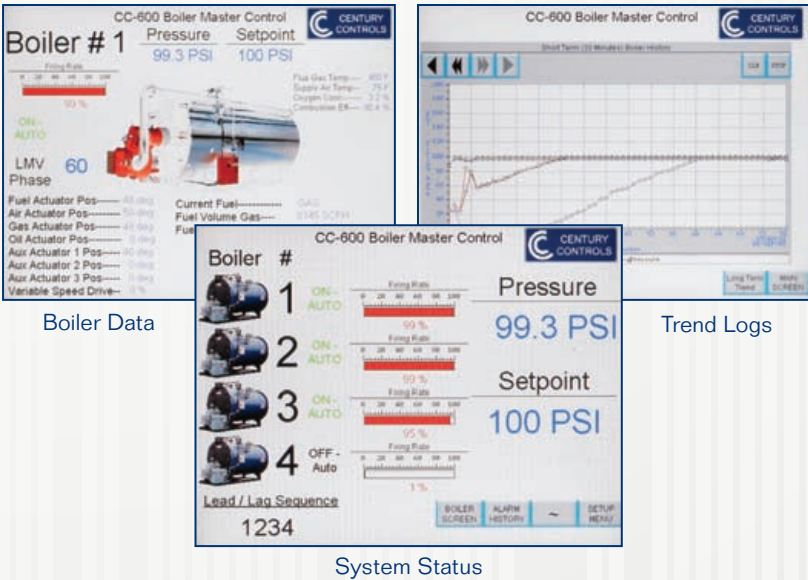
The Century Solution

Multiple boilers require control to optimize operation. Uncontrolled, uncoordinated boilers are inefficient and expensive to operate. Energy is wasted; equipment is stressed and manual monitoring consumes staff time that could be used elsewhere. Additionally, more fuel used means more carbon emitted and a greater impact on the environment.

The CC-600 Boiler Master Control is a proven way to optimize a series of boilers, either steam or hot water with modulating, on/off, or high/low burners. The CC-600 works with any flame safety and burner management system making it an excellent solution for both new boilers and retrofit control upgrades. The complete line of boiler controllers is designed by boiler experts using a proven, patented smarter algorithm which optimizes boiler operation. The algorithm makes the difference in the amount of money saved.



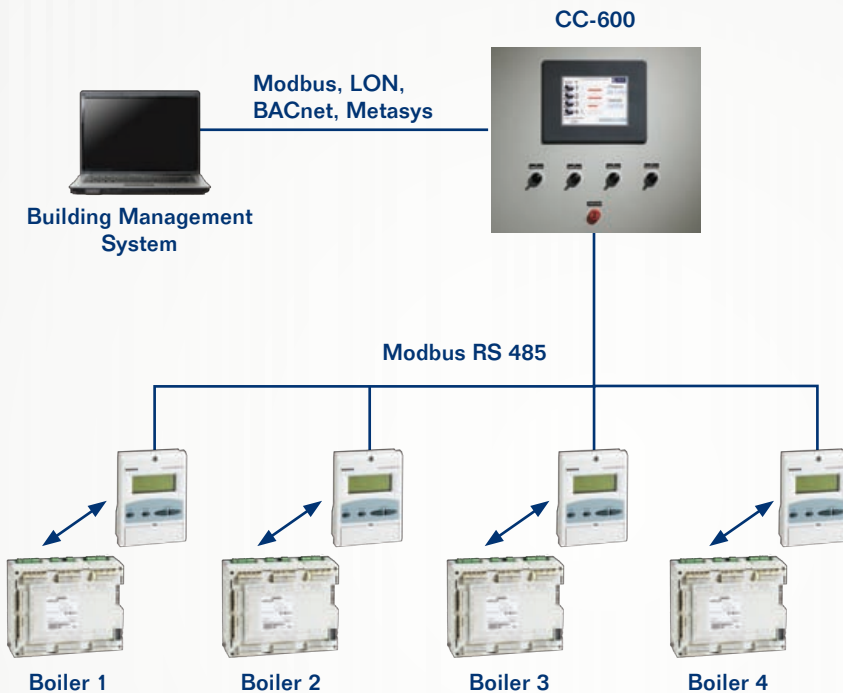
Touch Screen Display



Communications

The CC-600 offers open communication with multiple integration systems: BACnet, Modbus, Metasys, and LON. Now, partnering with Siemens Building Technologies, the CC-600 provides two-way digital communication with their Linkageless Burner Management System.

Siemens-Century Controls Interface



Meeting and Exceeding Expectations

With installations around the world, Century Controls Boiler Master Controllers are a proven way to reduce fuel costs and extend equipment life. Successful applications cover the broadest range, from hospitals and hotels, to casinos and universities, to football stadiums and processing plants.

"The sequencing has helped us prevent low water events and steadied pressure. The systems require very little maintenance."

Walter Beckwith
Senior Engineer
Tyson Foods Inc.



"The equipment and services we have received from Century Controls has been outstanding and I highly recommend them."

Don Hellevik
Chief Engineer
Northwest Airlines Boiler Plant



Key Features and Benefits

LOWER FUEL COSTS

CC-600 Boiler Master Control reduces boiler cycles and provides optimal control of boiler firing rates, typically resulting in a 5-15% savings on your fuel bill.

LOWER MAINTENANCE COSTS

CC-600 Boiler Master Control reduces the number of cycles and eliminates rapid changes in the firing rate that cause excessive stress on equipment. Equipment needs fewer repairs and has a longer operating life.

SUPERIOR VERSATILITY

The CC-600 sophisticated, patented algorithm has the flexibility and configurable options to adapt to the specific needs of each facility. These controllers are designed to work with all boilers, burners and burner control systems. Multiple communication protocols, BACnet, Modbus and LON give the flexibility to communicate with any building management system.

REDUCE EMISSIONS

CC-600 Boiler Master Controls optimizes operation, reducing total fuel usage and carbon emissions – save money and reduce air pollution.



Features Summary	CC-600 Steam	CC-600 Hot Water	CC-600 On/Off, High/Low
Touch screen interface	●	●	●
Backlit LCD display with keypad	●	●	●
Graphical display of boiler operation	●	●	●
One access point boiler and burner information	●	●	
Siemens LMV Burner Management System Communications	●	●	
Two-year warranty	●	●	●
Modulating output 4-20 mA or 0-135 Ohm	●	●	
PLC-based controller	●	●	●
UL/CUL approved	●	●	●
Auto alternation of lead boiler	●	●	●
Timed or temperature warm up of idle boilers	●	●	
Dual set points for night or scheduled turndown	●	●	●
Multiple communication interfaces	●	●	●
Individual boiler set points for add and shed decisions	●	●	●
Dual control speeds for above or below set point	●	●	
On-site configuration to meet load conditions	●	●	●
Anticipatory control options or special sequences	●	●	●

In addition to Master Controls, Century Controls has additional boiler room solutions that include O₂ trim systems, feed water and draft control.

How to Purchase Century Controls

Providing superior customer assistance, Century Control product line is sold through authorized local representatives who understand the customer needs and the product solutions. A complete list of representatives is available online at www.centurycontrols.com.

Represented by:



12510 Fletcher Lane No., Suite L,
Rogers, Minnesota 55374
Phone 763.428.1201 • Fax 763.428.1495
www.centurycontrols.com
Email: info@centurycontrols.com