

## MULTIPLE BOILER PACKAGES

Utica Boilers Multiple Boiler Packages include 2 - 4 of our UCS 240/380 high efficiency condensing water boilers with your choice of staging control.

**Ideal for multiple boiler  
system applications**

### Options:

- Boiler Choice
  - UCS 240
  - UCS 380
- Staging Control Choice
  - MBC Control
  - 275 Control
  - 284 Control



MBC Control  
UCS 240 Boilers



# CONTROLS

## MBC Control 275 Control 284 Control



| Control Features                                              | MBC Control                                                       | 275 Control                                            | 284 Control                                            |
|---------------------------------------------------------------|-------------------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|
| Display & Interface                                           | LCD Display – Push Button                                         | LCD Display – Push Button                              | Touch Screen & Push Button                             |
| 4 Stages                                                      | Yes                                                               | Yes                                                    | Yes                                                    |
| On – Off Boiler Operation                                     | Yes                                                               | Yes                                                    | Yes                                                    |
| Controls Individual Boiler Modulation 0-10 Vdc or 2-10 Vdc    | No – Each individual boiler would control its own modulation rate | Yes - Requires boiler supply sensor on each outlet     | Yes - Requires boiler supply sensor on each outlet     |
| Boiler Supply Sensors                                         | None                                                              | Optional (4) - to control individual boiler modulation | Optional (4) - to control individual boiler modulation |
| Sensors – Factory Supplied                                    | Outdoor Air Sensor (1)<br>Water Temperature Sensor (2)            | Outdoor Air Sensor (1)<br>Water Temperature Sensor (2) | Outdoor Air Sensor (1)<br>Water Temperature Sensor (2) |
| DHW Sensor                                                    | Optional                                                          | Optional                                               | Optional                                               |
| EMS (0 - 10 Vdc)<br>Energy Management System<br>Compatibility | Yes                                                               | Yes                                                    | Yes                                                    |
| BACnet & Modbus                                               | No                                                                | No                                                     | Yes                                                    |
| Program Setback Scheduling                                    | Yes                                                               | Yes                                                    | Yes                                                    |
| Indirect DHW Priority                                         | Yes                                                               | Yes                                                    | Yes                                                    |
| DHW Sensor                                                    | Optional                                                          | Optional                                               | Optional                                               |
| Outdoor Temperature Reset                                     | Yes                                                               | Yes                                                    | Yes                                                    |
| Warm Weather Shutdown                                         | Yes                                                               | Yes                                                    | Yes                                                    |
| Adjustable Automatic Staging Delays                           | Yes                                                               | Yes                                                    | Yes                                                    |
| Rotation – Equal Run Time On – Off                            | Yes                                                               | Yes                                                    | Yes                                                    |
| Fixed Lead Option                                             | Yes                                                               | Yes                                                    | Yes                                                    |
| Fixed Last Option                                             | Yes                                                               | Yes                                                    | Yes                                                    |
| Boiler Loop Pump                                              | Yes                                                               | Yes                                                    | Yes                                                    |
| System Primary Pump                                           | 1                                                                 | 1                                                      | 2                                                      |
| DHW Pump Operation                                            | Yes                                                               | Yes                                                    | Yes                                                    |
| DHW Recirculation Pump                                        | Yes                                                               | Yes                                                    | Yes                                                    |
| Pump(s) Post Purge                                            | Yes                                                               | Yes                                                    | Yes                                                    |
| System Primary Pump Rotation                                  | No                                                                | No                                                     | Yes                                                    |
| Combustion Air Damper or Alarm                                | Yes – 1 relay terminal                                            | Yes – 1 relay terminal                                 | Yes – 2 relay terminals                                |

# UCS 240/380

## High Efficiency Condensing Water Boiler

### UCS 240 Residential/Light Commercial

- 240 MBH
- 95% AFUE - ENERGY STAR®
- 6.7:1 Turndown Ratio
- Primary/Secondary LABOR SAVER™ Manifold Included
- Wall Mounted
- Optional Floor Base Available
- 17 3/4"(w) x 31 1/16"(h) x 23"(d)

### UCS 380 Commercial Offering

- 380 MBH
- 95% Thermal Efficiency
- 10.5:1 Turndown Ratio
- Primary/Secondary LABOR SAVER™ Manifold Included
- Floor Standing
- 23 5/8"(w) x 50"(h) x 25 1/2"(d)
- Anti-wind Function  
Control automatically adjusts the fan speed to prevent loss of flame and lockouts
- Flame Stabilization  
Control allows the flame to stabilize before modulating, preventing flame drop outs and recycling





## PACKAGES

### Specifications

| Boiler Model | # of Boilers | Heat Input (Btuh) | Heat Capacity (Btuh) |
|--------------|--------------|-------------------|----------------------|
| UCS-240      | 2            | 482,000           | 432,000              |
|              | 3            | 723,000           | 648,000              |
|              | 4            | 964,000           | 864,000              |

| Boiler Model | # of Boilers | Heat Input (Btuh) | Heat Capacity (Btuh) |
|--------------|--------------|-------------------|----------------------|
| UCS-380      | 2            | 758,000           | 696,000              |
|              | 3            | 1,137,000         | 1,044,000            |
|              | 4            | 1,516,000         | 1,392,000            |

## Ordering Information

| Choose 1 Control                                                                                          | Choose # of Boilers |   |   | Item Numbers for Package Ordering |                             |
|-----------------------------------------------------------------------------------------------------------|---------------------|---|---|-----------------------------------|-----------------------------|
| <b>MBC Control</b><br> | 2                   | 3 | 4 | MBC Control UCS-240               | AMB4BUB UCS124000600110     |
|                                                                                                           | 2                   | 3 | 4 | MBC Control UCS-380               | AMB4BUB UCS138000600110     |
| <b>275 Control</b><br> | 2                   | 3 | 4 | 275 Control UCS-240               | 240012784UB UCS124000600110 |
|                                                                                                           | 2                   | 3 | 4 | 275 Control UCS-380               | 240012784UB UCS138000600110 |
| <b>284 Control</b><br> | 2                   | 3 | 4 | 284 Control UCS-240               | 240012783UB UCS124000600110 |
|                                                                                                           | 2                   | 3 | 4 | 284 Control UCS-380               | 240012783UB UCS138000600110 |



**ECR international**

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All specifications subject to change without notice.  
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PN 240012846 Rev. [01/23/20]