

## PRODUCT BULLETIN #3193

To: Our Valued Hemodialysis Customers

From: Michael Verguldi, Product Manager - Medical

Date: September 9, 2014

Subject: **CWP-Remote and Local Alarm Improvement**



### Background

The remote and local alarm for the CWP Reverse Osmosis (RO) water system has been upgraded for several reasons, but mainly for consolidation purposes that improve on-site installation and customer use. The older model contained a separate system indicator panel, commonly referred to as a light stack (See Figure 1). When illuminated, a light demonstrates the CWP's current system activity or mode, such as Operation, Heat Disinfection, Chemical Disinfection and A- and B-Alarms. Since the light stack didn't contain an audible alarm, another separate smaller remote RO panel (See Figure 2) was required along with another separate remote alarm panel for the stand-alone Deionization (DI) system (See Figure 3).



Figure 1



Figure 3



Figure 2

As a result, a single, more robust complete water system remote alarm package was developed and released (See Figure 4). It includes a smaller light stack using LED bulbs that still functions as a system indicator and contains the same light sequence, definitions, and alarm status. Instead of a separate label, the information is now printed on the controller itself. This central remote panel includes the audible and visual alarm with 3-minute mute button for the RO System and also incorporates the DI System indicator, alarm and instructions, thereby taking three previous controllers and making them into one. All of the alarms perform the same as before with no changes except for slight possible tone difference.



Figure 4

This also allowed for standardization within the water treatment room as the same system indicator (light stack) is also secured to the top of the CWP unit (not shown). The latest CWP local alarm with 3-minute mute button is also intended to be secured to the CWP unit (see Figure 5). For systems with dual CWP units (a CWP H and a CWP S), the same Water System Alarm controller is used but a second light stack is installed on the top right side and includes its own mute button. All brand new CWP systems leaving the manufacturing facility in Plymouth, MN will have the benefit of this latest improvement.



Figure 5

**Action**

There is no required action. If however this re-designed alarm package is desired for an existing CWP system, please contact your local Sales Representative for more information. Spare or replacement parts for the older model(s) are available should the need arise. Contact Technical Support at 800-633-3080 Ext. 2904 for details.

**Effective Date**

August 31, 2014