

# Quantum HD Unity Evaporator Control OS Release Notes

## RELEASE NOTES FOR 10.51

### Missing Zone Report Data

- Fixed an issue where Zone Reports were not generated with the correct values when the trending interval was changed from its default value of one minute.

### System Operating Values

- Fixed an issue that occurred when attempting to add a channel to either the System Operating Values (Home page) or to the User Defined page where the screen turns white and the panel becomes unresponsive.

### Liquid Run Timer

- Fixed an issue where the Liquid Run Timer was not updating properly when the Evaporator temperature was between the Liquid On and Liquid Off set-points.

### Refrigerant Sensor Naming

- Established a check to prevent users from entering duplicate sensor names on the Global Refrigerant Detection screen.

### Alarm/Event Notifications

- Fixed an issue where alarms and event emails would not be sent in certain configurations.

### Mode Scheduling

- Fixed an issue where all zones did not work properly with the Mode Scheduling feature. This has been corrected so that all the zones are now controlled from the Mode Schedule.

### Ping Command

- Changed the Ping Command function on the Diagnostics Page to now display the entered IP address and to execute the ping when the corresponding button is pressed.

## **RELEASE NOTES FOR 10.50**

### Watchdog Jumper Update

- When the watchdog jumper process is initiated to clear setpoints, all settings are returned to factory defaults.

### No Comms Message

- Fixed issue where if a loss of comms occurs, the wrong error message would display on Compressor Overview page.

### Product Scroll (System Networking)

- Allow page to scroll if there are more products than can be displayed on the screen.

### Software Upgrade Limitation

- Only allow upgrades to a newer version. Changing the program to a previous version is no longer allowed.

### Enhance Saved Setpoints

- When setpoints are saved, folder now includes product and software version name in name.

### Security/Users Scroll

- Added ability to scroll through users when there are more users than can be displayed on the page.

### Product Selection Banner

- Updated look and feel of product selection banner. Lowered product selection dropdown, updated dropdown text to "Product Selection" and made product name text display.

### Portuguese (Brazilian) & Spanish Language

- Added Portuguese & Spanish languages to the product.

### Language change on all products

- Fixed issue where language would not update on all connected products.

### Rage limit for Ammonia Sensor Inputs

- Increased the High Range on the Analog I/O config for Ammonia inputs to 20,000 PPM to align with the Engine Room control range.

### **RELEASE NOTES FOR 10.40**

#### Zone Operation State

- Fixed issue where If the user is logged out, the Operation value (Off, Cooling, Defrost, Satisfied, etc.) now updates when navigating between zones.

#### Start Defrost button

- The Start Defrost button is now disabled if the user is not logged in or if the Zone Active / Off status is set to Off.

#### Heating - Current Stage

- When on the Home page and the zone goes into Heating mode, the Current Stage now updates from Off to Pump Out.

#### Home Page – Mode Control Error

- Fixed issue with mode control logic.
- Fixed confirmation modal to give the option to select Yes or No.

## **Cross Product Communication**

#### Pressure Calibration – Pressure Resolution and Atmospheric Pressure

- Added Atmospheric Pressure setting to all products
- The Pressure Display Resolution was added to handle special compressor applications. This was removed from other applications.

#### Sub-Navigation (Tabs)

- Sub-Navigation options are now a tab rather than just text.

#### Alarms – Clear Safety History

- Added confirmation of “Are you sure you want to clear the Safety History?” when clicking the Clear Safety History button.

## Cont'd

### Networking

- Added a "Add Factory Card" feature that allows you to commission a card on the Unity System where the Unity System's Gateway has been altered from the original settings.
- You can now successfully restore Setpoints on a panel where the Unity System's Gateway has been altered from the original settings.
- You can now successfully perform a system upgrade on a panel where the Unity System's Gateway has been altered from the original settings.

### RELEASE NOTES FOR 10.32

- Implemented the zone data (temp) reporting feature (via E-mail)
- Fixed issue where trending data and column headings did not match up properly in the spreadsheet created for download
- Fixed issue where the column heading names were incorrect for auxiliary analog inputs
- Added logic to clear all trending data on command (Service level)
- Changed logic to generate a High or Low Temp warning for a zone only if the zone is active (running)
- Fixed issue where Low Temperature Alarms would occur even when the Evap Temp was within the proper temperature. This happened when the "Zone Active/Off" setting was set to Off. If the Zone set to Active, the Low Temp alarm functions correctly
- Fixed Soft Hot Gas option where setpoints should be hidden if Soft Hot Gas is disabled.
- Fixed setpoint issue on Zone Heating Page for zones 2-30 if enabled where the incorrect values were displayed
- Added code to ensure that zones stay in order on System Overview

### RELEASE NOTES FOR 10.31

- Implemented a Defrost Termination signal, initiated by either a push button or digital input
- Corrected issue where sales order number was being incorrectly formatted for the HMI if the 4th digit happened to be 0
- Added more spaces to the beginning of a wrapped line in a comms log file

### RELEASE NOTES FOR 10.30

- Corrected an issue where upon power up, the IP address would reset to 192.168.0.172 and the processor would reboot if a jumper is detected on JP1 pins 7 & 8 of the Communications Interface board
- Corrected an issue where the IO integrity Check logic did not catch certain conflicts in I/O configuration

- Corrected an issue dealing with the conversion of Hg (negative) pressures when the Atmospheric Pressure was set to something other than 14.7 PSI
- Changed timer data to be displayed in the format of [mm:ss]
- Corrected an issue whereas the Evaporator controller would boot directly to the Home screen rather than the System Overview screen when not connected to any other controller (Ethernet)
- Enabled text entry with physical keyboard