

# Quantum HD Unity Evaporator Control OS Release Notes

(latest to Earliest)

## 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