ZONE CONTROL
ZONE SETPOINTS
ZONE SCHEDULE DEFAULTS

(APP REV 20.1.19+)
(DOC REV 1)

CRIOSU CONTROLS

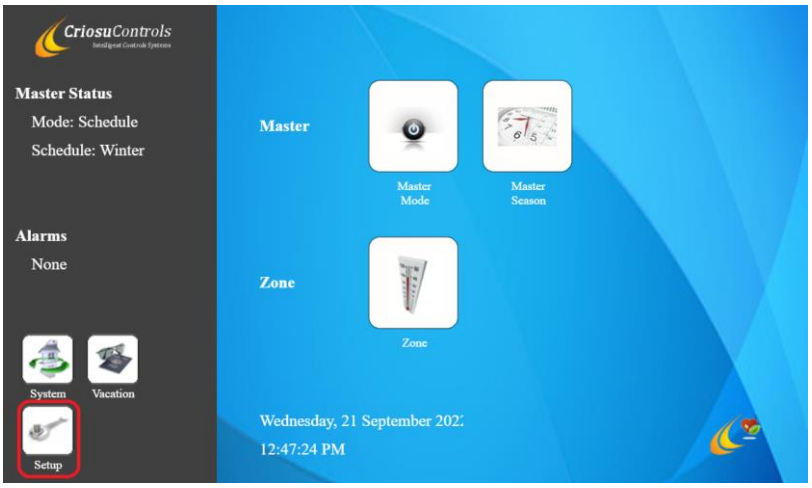
Table of Contents

Introduction

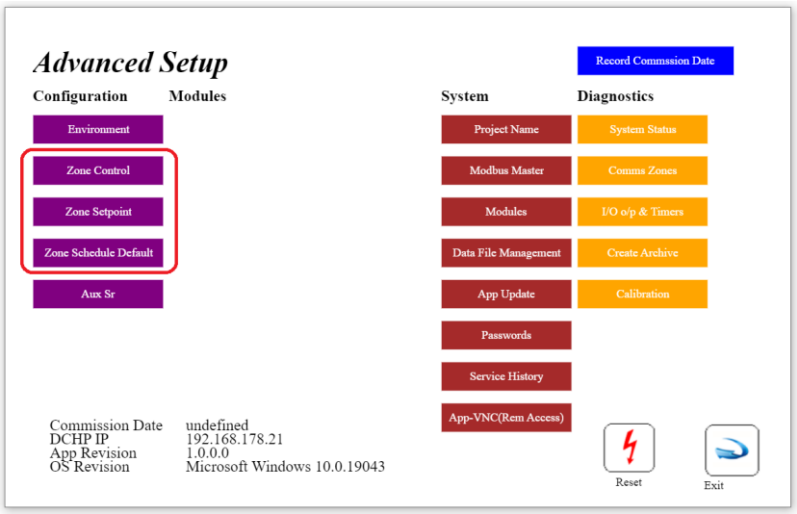
The Zone Control, Setpoint and Default schedule screens provide access to zone control functions relating to the heating and cooling operation of the zone.

Access Screens: Zone Control, Setpoint and Schedule Default

Step 1. Press "Setup" on the Home Screen

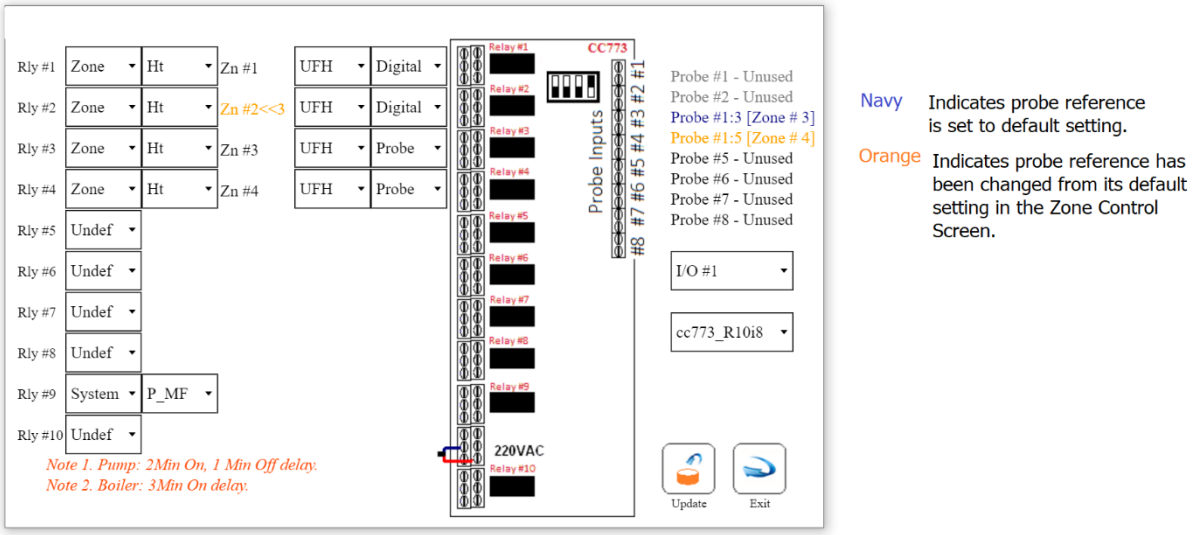


Step 2. Press "Adv Setup" on the Setup Screen



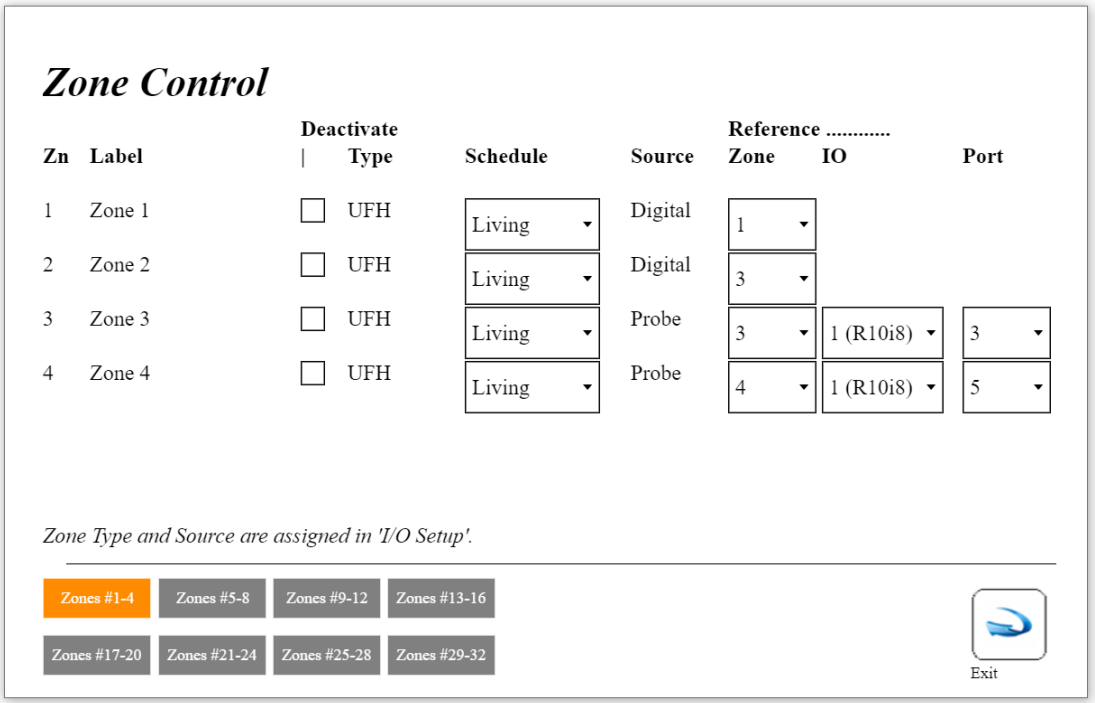
Zone Control Screen

The Zone Control Screen is used to override the defaults zone setting assignments in the **"IO Setup" screen.**



Orange text indicates that the that the default zone or Default Probe has been changed.

NOTE: Changes the IO Setup will return the reference settings to their default values.



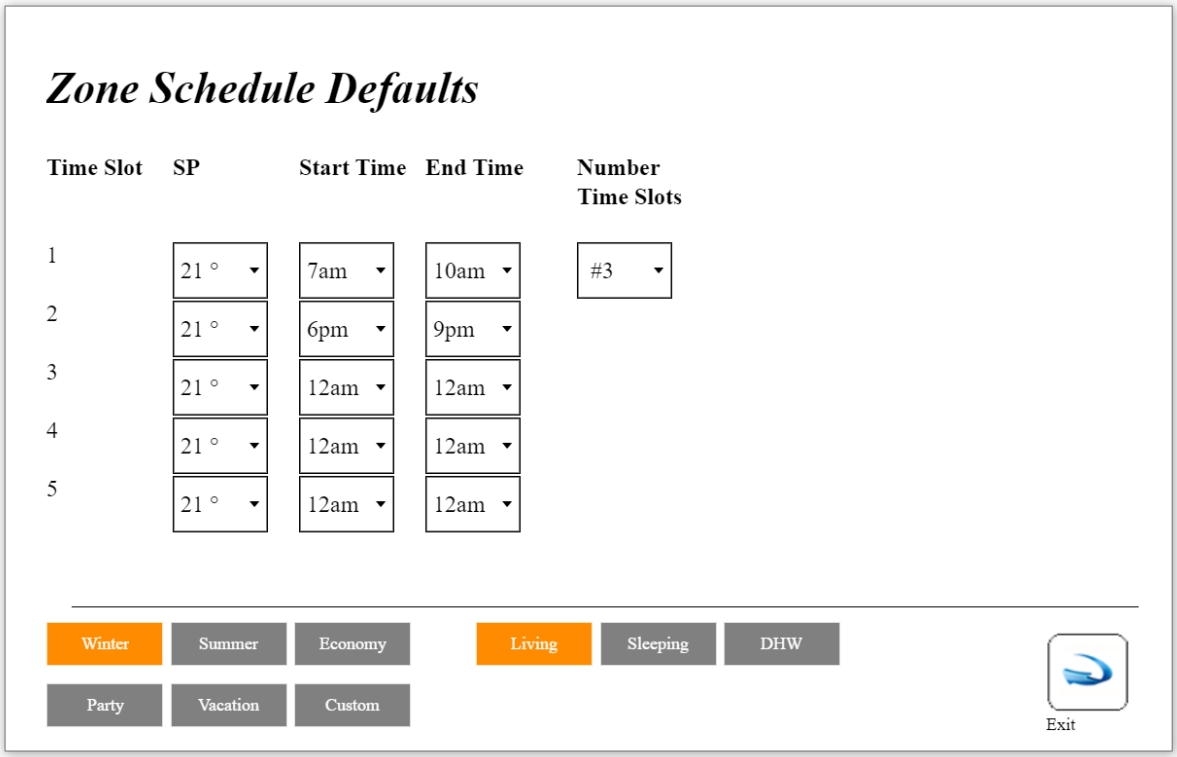
Zone Type and Source can only be changed from the **"**IO Setup" screen. They cannot be overridden.

Zone Deactivation

"**Deactivate**" removes a zone from normal scheduling. The sensor will not receive any communication from the system.

"Living" or" "Sleeping" Scheduling

The **Schedule** may be of type of type "Living" or" "Sleeping." The default Living/Sleeping schedule is copied to the zone when the Schedule changes from Living to Sleeping and visa versa.. The default schedule is set in the "Zone Schedule Defaults" screen.

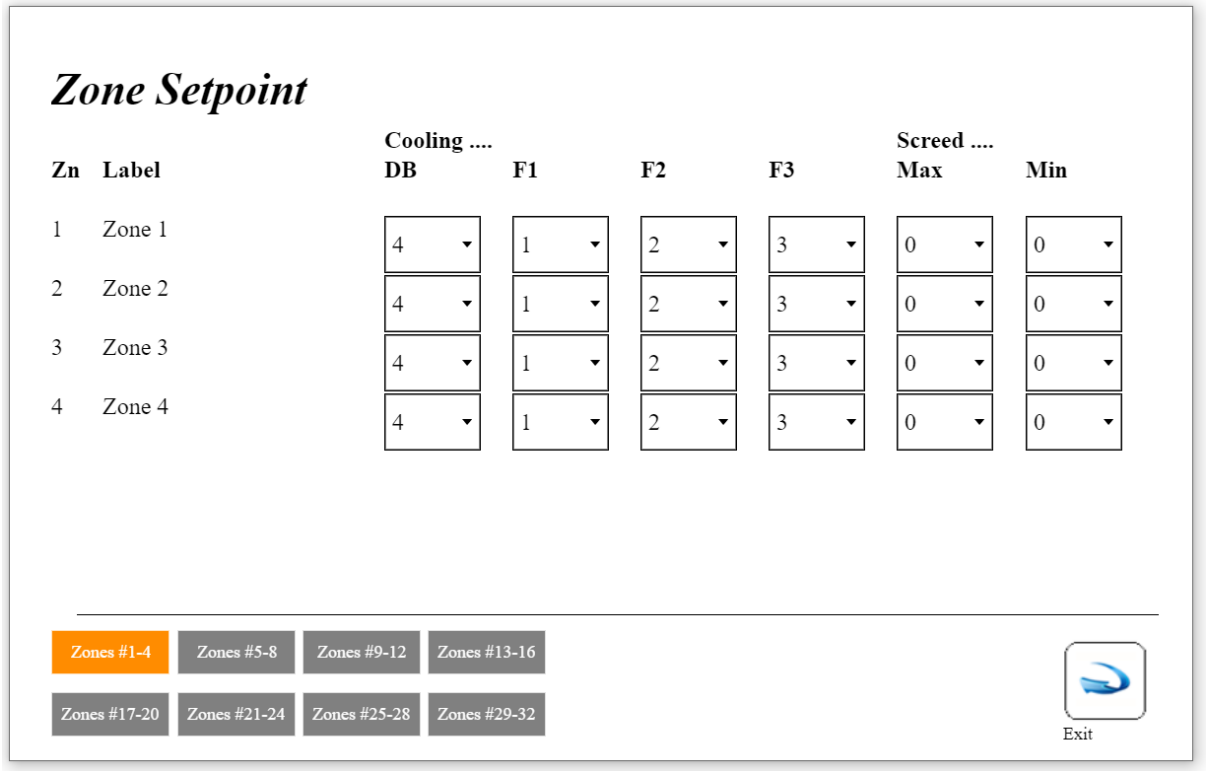


Digital and Probe Zone Reference

The **Reference Zone** identifies the zone sensor from which zone temperature readings are taken. By default the zone reference follows the zone index (Zone 1 reference → Zone 1 sensor).

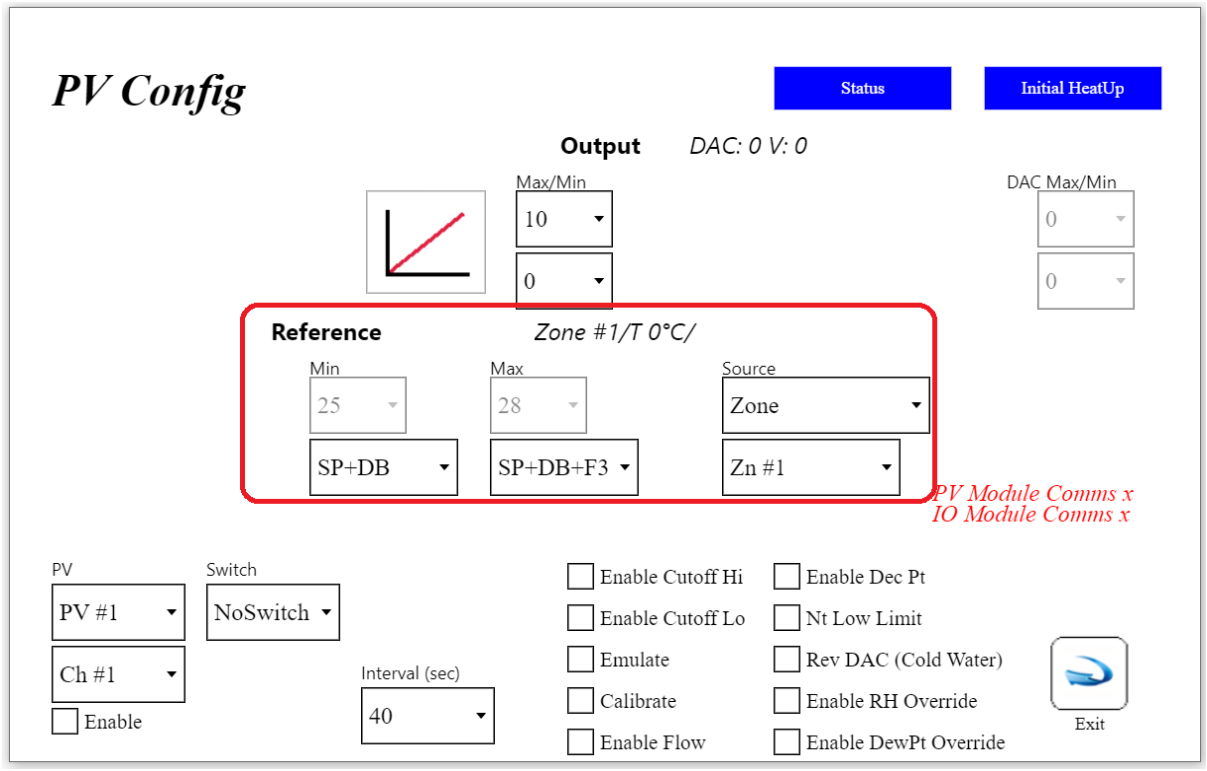
The **Reference IO/Port** identifies the probe sensor from which zone temperature readings are taken. By default the Zone reference for the probe is assigned at the I/O Setup Screen (e.g. Probe input for Zone #1 → I/O #1/ Port #1).

Zone Setpoint Screen



Cooling Setpoints

DB (Deadband) F1,2,3 (Fan speed) are setpoints used primarily in connection with the PV (Proportional Valve) Controller used to set modulate the 0-10V input of an air conditioning unit.



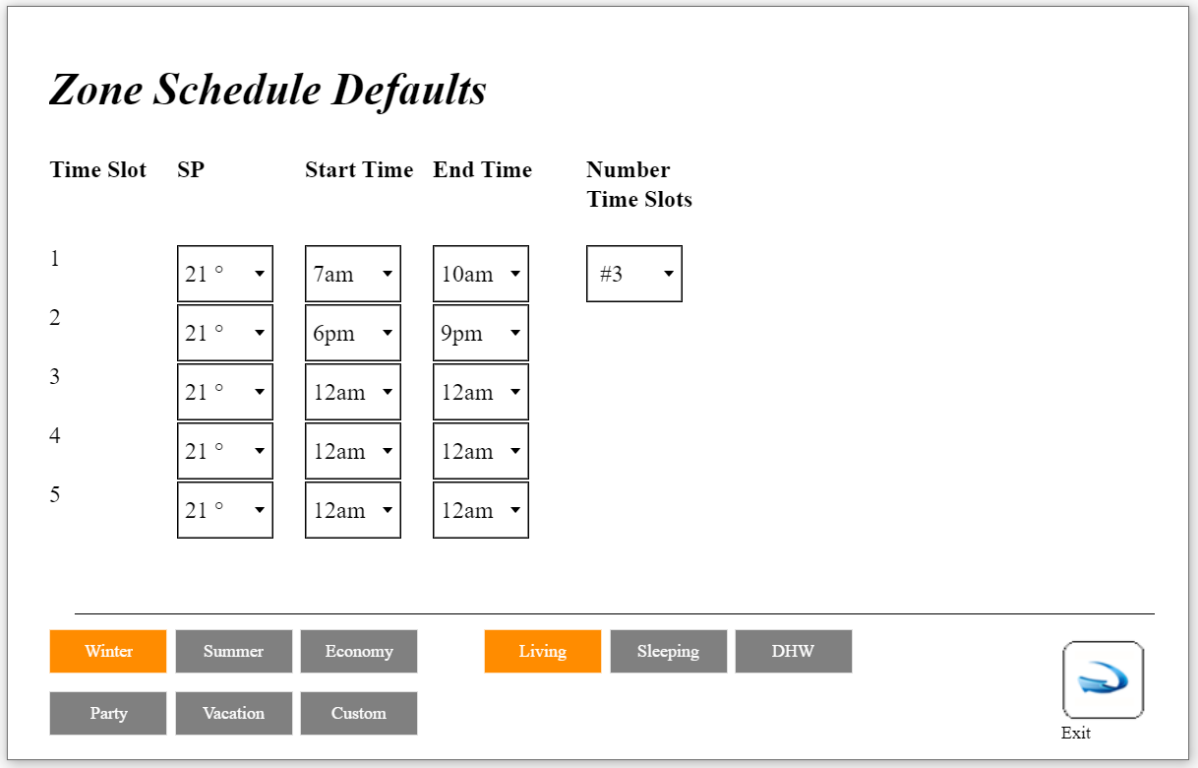
Screed Setpoints

The Screed Max and Min setpoints are used to override heating in and UFH heating zone. This function is used to protect wood flooring.

Screed Max is only used for zones using digital sensors of type: UFH, EUFH and RAD. Heating is turned OFF (set to NOT calling) if Screed Max is greater than Zero and, the probe input (channel 2) is less than Screed Max.

Screed Min is only used for zones using digital sensors of type: UFH, EUFH and RAD. Heating is turned ON (set to calling) if the Screed Min is greater than Zero and the probe input (channel 2) is less than Screed Min

Zone Schedule Defaults Screen



The Default Schedule setting is applied when a zone is created or, the zone types is changed (e.g. from UFH to RAD) or, the zone schedule type is changed (from Living to Sleeping).

All previously programmed schedule setting will be lost.