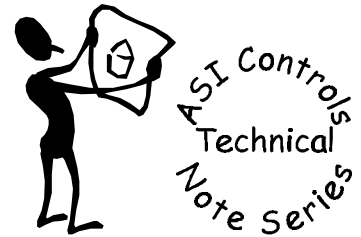




# Setting up the WS User Adjuster with ASIC/1-8x55 Controllers

Effects: All ASIC/1-8x55

Date: July 23, 1998



Note No. TE007

The WS style sensors provide the option for a variable user adjustment to the zone temperature setpoints. This is different from the WT style sensors which only provide 3 distinct positions of user adjust. The WS style sensors were developed to provide the variable user adjust to a late version of ASIC/1-8015 VAV controller and to all types of ASIC/1-8x55 controllers.

Setting up the variable user adjust requires the setup procedure as described below using setup software for the particular ASIC/1-8x55 device:

1. Enable User Adjust
2. Set User Adjust Temp Range to desired maximum reset (default is 3 Deg F)  
*Note: steps 1 and 2 are the same as for the WT sensor*
3. Set input 2 convert type to Raw (12 bit)
4. Set input 3 convert type to 3\_2 -100% to +100%, 10K to 20K  
*Note: Using DOS setup software may require pressing a key before pressing Enter to bring up the list of convert type items.*

Input 3 is also used for Interlock. If shorted, it indicates that the interlock is in place. The Variable User Adjust will not read correctly while the interlock jumper is in place. In order to test user adjust locally, rotate you SINC/1 curly cable around so the interlock loop end is plugged into the Mini SINC.

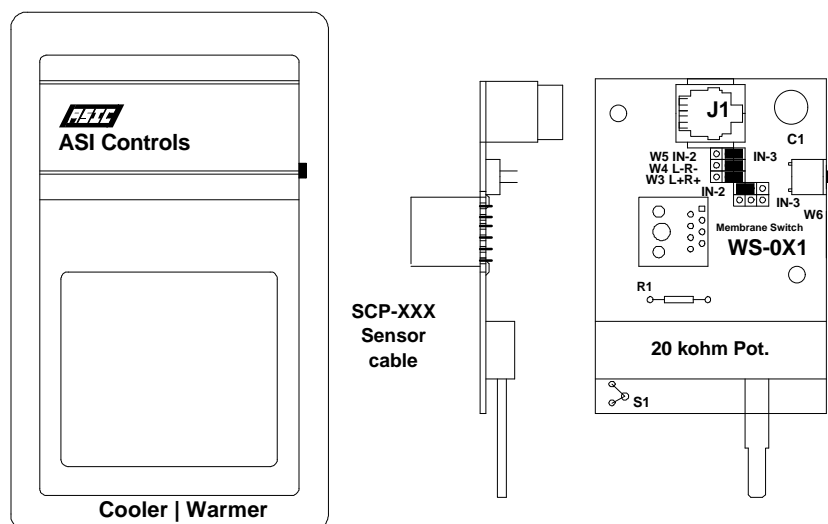


Figure 1 - WS-031 Wall Sensor with Variable User Adjust

It is recommended that the board jumpers be left in their factory configuration. For further information please consult Application Bulletin 65 (APB\_UADJ) located in your ASIC/1 User Manual. The bulletin describes jumpers, resistors, and connecting the WS to a capable ASIC/1-8015 controller.