

# Product Bulletin

**Bulletin Number:** PB14-06

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**Subject:** Observer® Zoning

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## Observer Zoning Products - Open for Order!



TSTAT0101SC  
Wall Control



ZONE0101ZP6  
Zoning Panel



ZONE0101RRS  
Room Sensor

International Comfort Products is excited to announce the introduction of Zoning for the Observer® Communicating System. A complete line of new zoning equipment is now open for orders to support the zoning capabilities which have been added to the latest software version of the TSTAT0101SC Observer Communicating Wall Control. The new zoning equipment along with the TSTAT0101SC featuring the Version 3.0 software will begin shipping to the field beginning the week of April 14, 2014.

### Product Highlights

- New Zoning Panel and Remote Room Sensors
- 4-wire communicating connections between Wall Control, Zoning Panel, and Room Sensors
- Supports up to 6 separate zones
- Up to 3 separate dampers per zone
- Any combination of Remote Room Sensors and Observer Wall Controls can be used in Zones 2 - 6
- Full line of dampers, actuators, and other accessories

Note: When installed with the Daughter Board (NAXA00101DB), the Observer Wall Control (TSTAT0101SC) and Observer Zoning Panel (ZONE0101ZP6) are compatible with non-communicating indoor and outdoor equipment.

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## Complete Product List

Model Number	Description
*TSTAT0101SC	Observer Wall Control (Single or Multi-Zone)
*ZONE0101ZP6	Observer 6 Zone Panel
*ZONE0101RRS	Observer Communicating Room Sensor
‡TSTATXXSEN01B	Outdoor Temperature Sensor
*ZONEXX0DTS01	LAT Sensor
ZDAMPRND06INCB	Round Damper 6 in.
ZDAMPRND08INCB	Round Damper 8 in.
ZDAMPRND10INCB	Round Damper 10 in.
ZDAMPRND12INCB	Round Damper 12 in.
ZDAMPRND14INCB	Round Damper 14 in.
ZDAMPRND16INCB	Round Damper 16 in.
ZDAMPREC08X10B	Rectangular Damper 8 in. X 10 in.
ZDAMPREC08X14B	Rectangular Damper 8 in. X 14 in.
ZDAMPREC08X18B	Rectangular Damper 8 in. X 18 in.
ZDAMPREC08X24B	Rectangular Damper 8 in. X 24 in.
ZDAMPREC10X10B	Rectangular Damper 10 in. X 10 in.
ZDAMPREC10X14B	Rectangular Damper 10 in. X 14 in.
ZDAMPREC10X18B	Rectangular Damper 10 in. X 18 in.
ZDAMPREC10X24B	Rectangular Damper 10 in. X 24 in.
ZDAMPBAR08X14	Rectangular Barometric Bypass 8 in. X 14 in.
ZDAMPBAR08X24	Rectangular Barometric Bypass 8 in. X 24 in.
ZDAMPACT45DEGR	45° Actuator
ZDAMPACT90DEGR	90° Actuator

\* Indicates required parts

‡ An outdoor sensor is required if a *non*-communicating outdoor unit is installed

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## Literature

Literature has been released and is available to download on the Go! Websites.

Product	Model Number	Description	Literature Number
Observer Wall Control	TSTAT0101SC	Installation Instructions	616-01-1018-00
Observer Wall Control	TSTAT0101SC	Owner's Manual	616-02-1018-00
Observer Wall Control	TSTAT0101SC	Product Specifications	616-**-1001-00
Dampers & Actuators	ZDAMP(all)	Product Specifications	616-**-1301-00
Zoning Panel	ZONE0101ZP6	Installation Instructions	616-01-1030-00
Zone Damper	ZDAMPRND06INCB	Installation Instructions	616-01-1303-00
	ZDAMPRND08INCB		
	ZDAMPRND10INCB		
	ZDAMPRND12INCB		
	ZDAMPRND14INCB		
	ZDAMPRND16INCB		
	ZDAMPREC08X10B		
	ZDAMPREC08X14B		
	ZDAMPREC08X18B		
	ZDAMPREC08X24B		
	ZDAMPREC10X10B		
	ZDAMPREC10X14B		
Barometric Damper	ZDAMPBAR08X14	Installation Instructions	616-01-1302-00
	ZDAMPBAR08X24		
Actuator, Damper	ZDAMPACT45DEGR	Installation Instructions	616-01-1305-00
	ZDAMPACT90DEGR		
All	TSTAT0101SC	Warranty Certificate	401-06-4402-00
	ZONE0101ZP6		
	ZONE0101RRS		
	ZDAMP(all)		

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## Version 3.0 Software

Version 3.0 software is backwards compatible with all TSTAT0101SC Observer Communicating Wall Controls shipped since the initial product release. Once the Version 3.0 software is installed in the Observer control, the TSTAT0101SC is capable of supporting either a single or multi-zone application up to 6 zones. Please note that completing a full zoning application does require the Observer Zone Panel (ZONE0101ZP6), a Room Sensor (ZONE0101RRS) or a Zone Sensor (TSTAT0101SC) for each individual zone and dampers.

Version 3.0 software will be made available to the field on the Navigator website beginning the week of April 14<sup>th</sup>. The file can be located by following this path:

> Navigator

> Technical Service Advisor (TSA)

> TSA Information

> Observer Wall Control (TSTAT0101SC) Software Version 3.0.

To update the TSTAT0101SC software, please follow these step-by-step instructions:

1. From Navigator, click on the "Software Version 3.0" link. OPEN the file. This will open the zipped file.
2. From the WinZip (or other zip program) screen, EXTRACT the entire contents to a USB flash drive. It does not matter if there are other files on the same flash drive. Remove the flash drive after extracting is complete.
3. Snap an adapter onto the flash drive (mini-USB B male, adapters available at most electronics/office stores).
4. Power off the thermostat (system).
5. Plug the flash drive & adapter into the port on the bottom of the thermostat (shipped with a rubber plug covering it).
6. Power on the thermostat (system). Use a minimum 30VA transformer if doing this on the bench.
7. Thermostat recognizes the presence of the flash drive and the updated program and automatically installs the new software. Red bars will run across the bottom of the screen while loading. (approx. 2 minutes to complete)
8. Thermostat resets to factory defaults, all previous setup programming is lost.
9. Thermostat will re-initialize, search for compatible equipment, and prompt for necessary information
10. Any previous programs, options, adjustments, settings must be re-entered.
11. Remove the flash drive & adapter and reinstall the rubber plug.

Note: USB adapters may be found online or at commercial electronics dealers. The fitting on the Observer Wall Control is a mini-USB "B" female. For connection with a typical flash drive, use an adapter with mini-USB "B" male on one side, and USB "A" female (common laptop size) on the other side.

ICP Distributors may also order adapters through the standard literature order process using part number 401-06-7500-00.