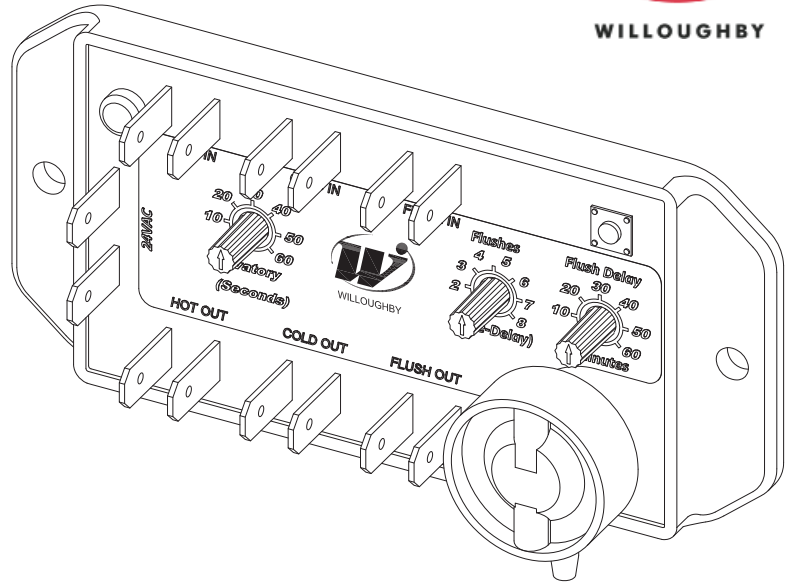


## WUCC-3010 Electronic Water Usage Combi Controller



### Recommended Specifications

Electronic Water Usage Combi Controller shall be Willoughby Model: **WUCC-3010**

Combi Controller is a stand-alone electronic module designed to control the operation of electronic push button lavatory valve(s) and electronic push button toilet flush valve on a single Lavatory/ Toilet Combination fixture from the utility chase.

Each Combi Controller shall be capable of controlling up to 3 low-voltage solenoid valves on a lavatory/toilet combination fixture, including:

- (2) lavatory valves (hot & cold)
- (1) electronic flush valve

Controller manufacturer shall supply a hard-wire 120/24 VAC 40VA step down transformer (option TF24H) with each controller. A plug-in transformer is also available (option TF24P). Combi Controller shall retain all functional settings after the event of power interruption. All electronic circuitry shall be encased in a water-resistant, epoxied enclosure. As with all electrical and electronic equipment, avoid contact with water, especially once connected to the power supply.

### Standard Features

Each valve activation shall be controlled by a vandal-resistant, stainless steel push button (sold separately). Each push button shall require less than 5 lbs. of force to activate.

All solenoid valves shall be non-hold-open and all metering times shall be independently adjustable for each valve, with each function controlled by a separate control dial:

- (10 to 60 sec. run time) for each lavatory valve  
Lavatory valve metering cycles can be interrupted with a second button push.
- (1 to 8 flushes, within 60 minute time period, before delay)  
A preset re-initiate delay feature shall be provided to control amount of fixture toilet use within a 60 minute time period. Once a fixture flush valve has been activated the maximum number of flushes within a 60 minute time period, flushing function will be locked-out for the Pre-delay time period between 0 to 60 minutes.

Standard parallel pre-initiate delay feature shall insert a 4 second time delay between toilet flushes. An electronic toilet overflow sensor is integrated into the Combi Controller for use with fixture toilets manufactured with overflow sensor capabilities.

All input, output, and power functions of the Combi Controller shall have corresponding LED diagnostic lights for testing and monitoring. A reset push button on the controller will enable maintenance personnel to reset functionality from the chase.

# MODEL NUMBER AND OPTIONS:

## 1.) Control System:

- WUCC-3010 Electronic Water Usage Combi Controller  
(Contains Controller and all necessary cabling for installation, P/N: WUCC-KIT)

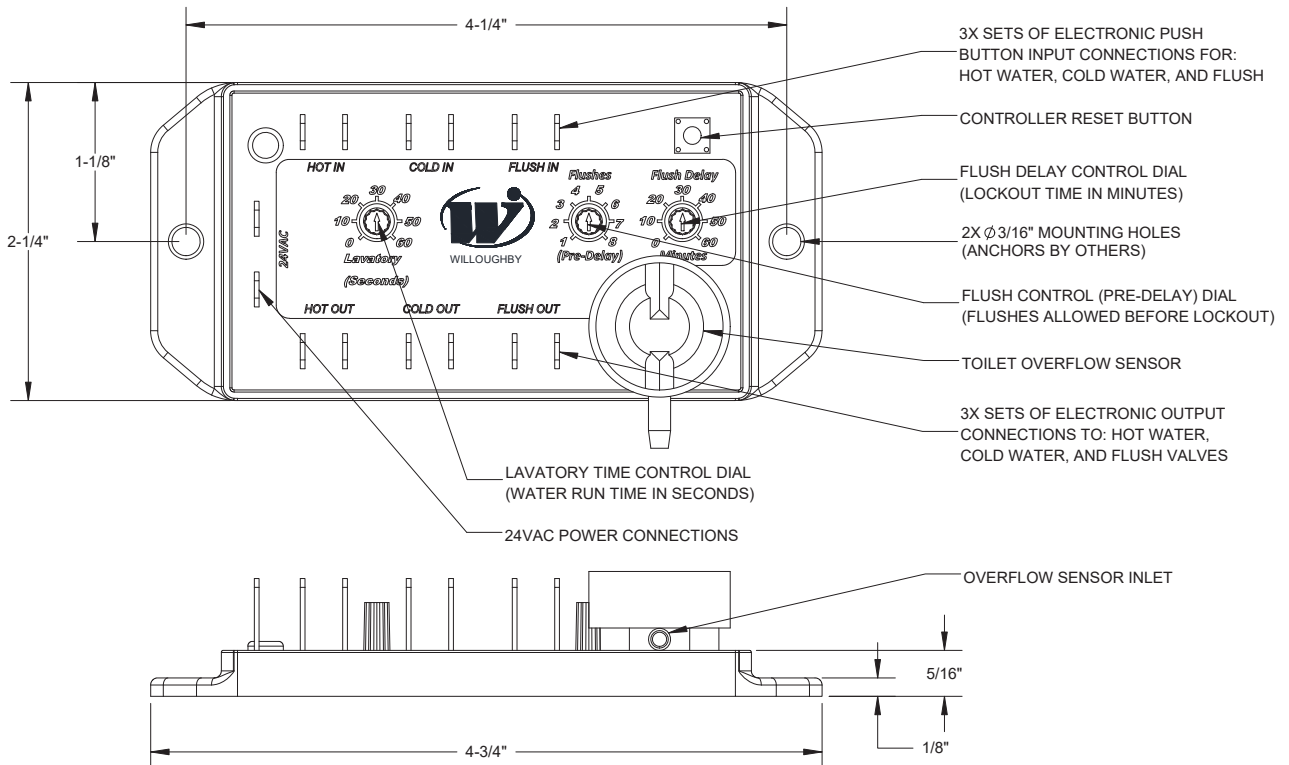
## 2.) Other Options:

- TF24H Hard-wired Transformer, 110VAC to 24VAC\* (Standard)
- TF24P Plug-in Transformer, 110VAC to 24VAC\*
- Other \_\_\_\_\_
- Other \_\_\_\_\_

\*(Req 110V power through ground fault interrupter (GFCI) receptacle)

Approved For Manufacturing By: \_\_\_\_\_ Date: \_\_\_\_\_ Company: \_\_\_\_\_  
Wall Thickness: \_\_\_\_\_ Wall Type: \_\_\_\_\_

**VERIFY ALL DIMENSIONS WITH FACTORY PRIOR TO ROUGH-IN**  
WILLOUGHBY RESERVES THE RIGHT TO MAKE CHANGES IN DESIGN AND DIMENSIONS WITHOUT FORMAL NOTICE AND WITHOUT INCURRING OBLIGATION.



visit our website at [www.willoughby-ind.com](http://www.willoughby-ind.com)  
 5105 West 78th Street • Indianapolis, IN. 46268  
 (317) 875-0830 • Fax: (317) 875-0837 • (800) 428-4065



MADE IN THE U.S.A.