



# CBF-100 Combiflow

The Series 100 Combiflow is a signal control device that conditions and scales the signals from two digital flow sensors and combines them into one scalable digital output.

The Combiflow device is compatible with all CST flow sensors and most other sensors producing a square or sine wave output proportional to rate of flow. It is not compatible with Hunter HFS sensors.

The device produces a single square wave output combining the total rate of flow of the input devices. The input devices do not need to be of equal size or manufacture.

The output signal may be scaled to resemble the output of one of the connected flow sensors, another larger flow sensor or a Custom value.

## APPLICATIONS

- Connect two flow sensors on different Points of Connection (POCs) to a single input channel of a control device.
- Connect the outputs of a two flow sensor “compound meter” assembly to a single control input.
- Connect two flow sensors in a looped piping system to a single control input.
- Convert flow sensor output to a scaled format. e.g. gallons per pulse.



## DIMENSIONS

Board only:  
2.125” W X 4.50” L X 1.50” H  
NEMA 6P Enclosure:  
2.5” W X 4.75” L X 2.375” H

## SPECIFICATIONS

Power Supply Voltage 12- 24 VAC or DC,  
Signal Input: Up to 24 V square or sign wave pulse

Signal Output: programmable square wave pulse

Programming: Parameters may be set in the field using software available from CST.

## ORDERING INFORMATION

Combiflow in NEMA 6p Enclosure-CBF-100-00  
Combiflow circuit board Only- CBF100-01

