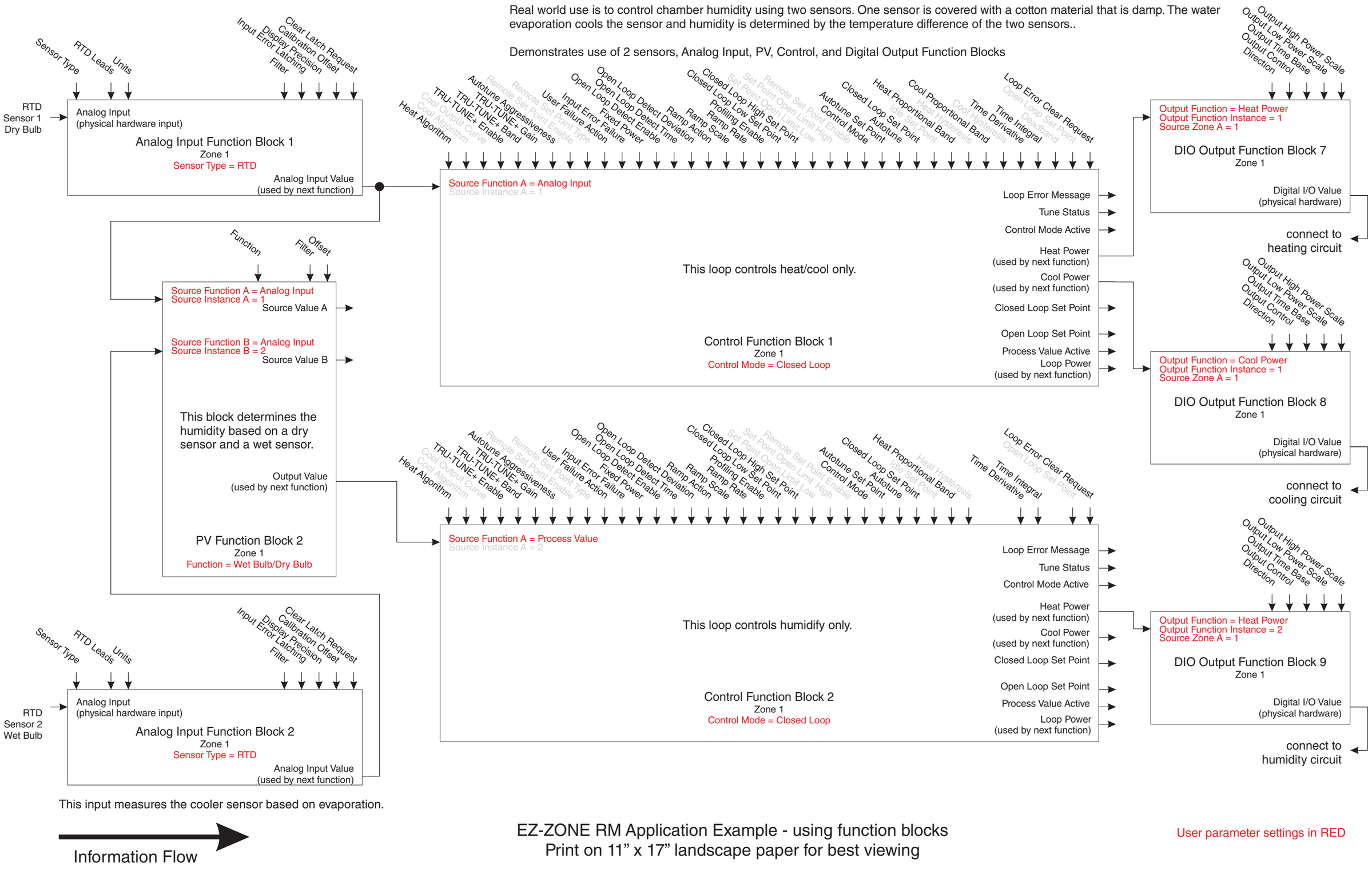
Example 17 - Heat/Cool, closed loop, PID control without remote SP controlling humidity with web bulb/dry bulb sensors values

Real world use is to control chamber humidity using two sensors. One sensor is covered with a cotton material that is damp. The water evaporation cools the sensor and humidity is determined by the temperature difference of the two sensors..

Demonstrates use of 2 sensors, Analog Input, PV, Control, and Digital Output Function Blocks



This input measures the cooler sensor based on evaporation.

Information Flow

EZ-ZONE RM Application Example - using function blocks
Print on 11” x 17” landscape paper for best viewing

User parameter settings in RED