DROP

Auxiliary Box (AUX BOX)

Incorporate your peripheral devices with DROP

With your DROP Smart Water Management System you can incorporate your peripheral devices and set them to trigger unique response.

Features

- DROP App to remotely control systems from anywhere
- Local leak detection
- Provides text messages, emails, and/or push notifications of vital system information
- 1-year warranty

Benefits

The DROP Aux Box is a device that extends the capabilities of a DROP system by providing additional flow, pressure, temperature, and leak detection inputs, while also intelligently controlling an auxiliary valve or relay outputs.

There are two versions of the Aux Box. One version has a motor output to control a 2 or 3 way valve motor, that can be ordered with the box. The valve sizes currently available range from 1" - 3". Contact DROP for more details on available valve sizes. The second version of the Aux Box has two programmable 12VDC outputs, intended to be used to drive relays.

Examples of how the AUX Box is used

- To create a water treatment system that regenerates with treated water from an atmospheric tank.
- To run a feed pump during the backwash cycle of the filter in the DROP system.
- To signal an external system when DROP has turned off the water.
- To signal an external system when the DROP system is regenerating.

The DROP Hub

All DROP products require the function of the DROP Hub. The Hub is the connection to everything on the DROP Smart Water Management System. It integrates all of the DROP water devices together.

Aux Box Configuration			
Hardware Configuration			
Leak Port Input Type:	Standard Leak Detection / Switched Input		
Installed Flow Meter Type:	1"	1.5"	2"	3"
Aux Box Output Type:	Valve Motor		Output 1 and Output 2
Valve Configuration			
Valve Default State:	Open / Closed		
Valve Trigger Type:	Disabled Valve Opens/Closes When Leak Port is Closed* Valve Opens/Closes When Water is Off Valve Opens/Closes When a Leak is Detected Valve Opens/Closes When Notification is Pending Valve Opens/Closes When Any Regeneration is Active Valve Opens/Closes When a Specific Device is in Regeneration** Valve Opens/Closes During Specific Regeneration Steps***		
Notification when activated:	No Notification / Send Notification		
Output Configuration Each output can be configured seperately			
Output Trigger Type:	Disabled Enable When Leak Port is Closed* Enable When Water is Off Enable When a Leak is Detected Enable When Notification is Pending Enable When Any Regeneration is Active Enable When a Specific Device is in Regeneration** Enable During Specific Regeneration Steps***		
Leak and Temperature Setting			
Action when Leak Detected:	Send Notication Only		Shut off Water & Notify
Action when Temperature Low:	Send Notication Only		Shut off Water & Notify
Adjustable Temp. Settings:	Low Temperature		High Temperature

* This option is only available if the Leak Port Input Type is set to **Switched Input.**
** The specific device must be selected from "Output Trigger Device" list.
*** This specific device must be selected from "Output Trigger Device" list. Once the device is selected then the specific regen steps need to be selected.

The DROP Remote

This unique device is an excellent accessory with any other DROP product. This smart remote lets you turn on/ off your water with a convenient button, notifies you of new system status events, and extends your wireless DROP Link network.

The DROP Leak Detector

Never worry about coming home to frozen pipes, absurdly high water bills or a soaked kitchen. These inconspicuous water-saving devices integrate with our smart water monitoring system to safeguard your home.