

INTRODUCING HCT'S SWITCH BOX

September 25, 2020



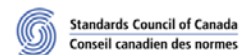
7032 East Cortez Road
Scottsdale, AZ 85254
(888) 788-5807
info@hctlc.com
www.hctlc.com

Well-Klean® Solutions
Water Well Rehabilitation

WaterSOLV™
Making Water a Better Solution

Well-Klean®, WaterSOLV™ Water
Treatment for Agronomy,
WaterSOLV™ GROW &
WaterSOLV™ pHix are tradenames
of HCT, LLC

Select Solutions Registered with:



California Department of Food
and Agriculture

What is it?

There are MANY factors to inject solutions into irrigation water; system pressure, chemical compatibility, variable rates of product injection between fertilizers, acids and biocides, frequency of application, adjusting application rates, reliability of equipment and pumps, cost, durability, service and maintenance whether monthly, periodic or annual, alleviating potential problems especially assuring the relationship between flow and chemical injection do not get out of sync and cause the loss of chemistry or loading of chemistry in the pipelines due to some disparity like a timer failure or forgetting to synchronize the timer with the irrigation cycles.

There are other factors to be considered; adjusting application rates for seasonal or agronomical fluctuations of soil, water and biology – maintenance and service life of probes, pumps and fittings – life span of acid tanks – safety of chemical handling – volumes of chemistry – service response time – and fate, the effectiveness and sustainability of the program. Plants are what we make available to them to drink and what we do to keep them drinking the right products.

THE SWITCH is a enclosure that recognizes a signal from a flow sensor inserted into the pump station, that provides power to up to three chemical feed pumps. Three chemical feed pump options to provide a complete array of chemical injection options – liquid acid, biocide and fertilizers. Simple power connectors compatible with existing or any pump, easy to install, inexpensive, no maintenance required.

Switch Box Components

Versatile – Connect to the flow sensor, digital pulse (or analog -extra expense), place the acid injection quill into the pressure line, place the biocide quill and/or the fertilizer quill into the wet well. Connect to power, mount the pumps, plug the pumps in (from 1 to 3), set the pump setting and that's it. Components of the Switch box; Box, internal logics, flow sensor and cable (if used), plug in outlets, power switch and light indicator. Pumps are sold separately.

The Switch Box will accept pulses from a flow meter, connect to a flow switch, or a pressure switch and will pass the pulses from a flow meter through to another device, along with powering three outlets for pump connections.

Why the Switch Box

Generic, non-proprietary, no sensor or pH probe, no maintenance, reliable and dependable chemigation and fertilization of anyone's chemistry, using anyone's pump. Primary benefits are hands free, reliability and dependability at the lowest cost. No moving parts, no monthly maintenance, no probes to clean..

HCT's Chemigation Exchange Program

We're fortunate the WaterSOLV™ Chemical Program provides vegetation with a much more sustainable environment that the vegetation can withstand a long number of days without water and or without chemical injection. But the fact is, when a pump fails, it needs to be replaced in a plug and play manner. The failed pump then needs to be reviewed for repair.

HCT's chemigation program is just that, we'll send you a replacement pump of one you purchased from us, and then just charge you for the repair / service fee (if not under warranty), handling and freight costs.

HCT's Chemigation Options

- A. WaterSOLV™ pHix - One Pump
- B. WaterSOLV™ Curative and WaterSOLV™ BC Concentrates – Two Pumps

WaterSOLV™ Chemical Volume and Safety

Some WaterSOLV™ distributors do provide bulk tank refills of WaterSOLV™ pHix. WaterSOLV™ Curative and WaterSOLV™ BC are concentrates, they come in their own containers, and the pumps then set onto the containers – no bulk tanks to house, store, manage and or replace after 10-14 years.

Chemical volume is 1/10th that of sulfurous acids and over time decreases even more as soils are remediated. Therein, about as little as 325 gallons of chemistry will treat about 100 acres of golf turf for a year.

There is no comparison of the personal safety – effectiveness – or sustainability of WaterSOLV™ Solutions to sulfurous acids.

For more information, contact us directly, see our website and video testimonials, research, white papers and user's manual. Feel welcome to ask for references throughout the USA.