

TrueDPD Setup & Operation

Programming for the use of TrueDPD control depends on how you want to control chlorine feed. When programming you have the choice of controlling chlorine levels via PPM only and PPM with ORP backup. When properly set up, chemical levels can be tightly controlled which will save chemicals.

Liquid chlorine feed commands for TrueDPD are accessed by pressing Back from the main screen then select Relays from Main Menu, then select ORP 1 Liquid (ORP+). Same steps are required if you have a 2 pool controller, just scroll down to ORP 2 Liquid+). Once set up pressing 2 from main screen will give you quick access to chlorine set points along with on and off times.

ManualTime: 00:00:00	Enter time needed to effectively increase sanitizer level. Consider water volume & feed pump output
LockON Time: 00:00:00	These two commands are used when pH lockout is enabled. This allows for chlorine to be dispensed on a time only basis such as 15 minutes every hour.
LockOff Time: 00:00:00	
Proportional: 10% (Default)	Use this command to tighten chlorine delivery rates (recommend 5-10%)
On If ORP < 000 (Default)	Leave at 0 for PPM only control or set to level below ORP reading when water is balanced for backup
Off If pH > 0.0	Use this command if you want to enable pH lockout. TrueDPD accuracy is diminished by approximately 10% when pH is 7.8 or higher
And If > 0.0 -Yes/-No	Enter the desired chlorine level in Parts Per Million
On Delay 00:00:20 (Default)	Amount of time demand is read before feeding. No adjustment needed for PPM control.
On Time 00:01:00 (Default)	Amount of time the chemical pump is allowed to feed and time off to mix and be read by the controller. TrueDPD test intervals, chlorine pump output and pool volume will determine on and off times.
MinTimeOff 00:07:00 (Default)	
Off If RLY On -none (Default)	No adjustment needed
Off If ORP > 0 (Default)	Leave at 0 unless you want chlorine feed to be disabled when ORP reaches a certain level regardless of PPM reading. Can be used as a safety feature in case of reagent problem or to allow longer TrueDPD test intervals
Off If Flow Off-1 or (3 for pool if 2 pool controller)	Disables chlorine feed if no flow is detected. Cannot be changed
SetOvrfeed 00:00:00 (Default)	This overfeed is the maximum amount of time allowed to reach set point once demand is detected. Can be used to prevent chlorine from being pumped in the event of feed tube or line breakage. Must be manually reset

Overfeed 06:00:00	This overfeed is the maximum amount of time chlorine pump will be allowed to pump per day. Resets daily at midnight
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