

TORO. Count on it.

DDCWP Series

Controllers

Looking for a rugged waterproof controller ideal for remote or isolated installations? Toro's DDCWP Series controller provides all that and more. Using the new potted DC latching solenoid popular on Toro EZFlo® Plus, TPV, P-220 and 220 Brass Series valves, the DDCWP is battery-operated using two 9V batteries. Toro's exclusive digital dial technology provides the simplicity of a mechanical dial without any moving parts. The digital dial guides users through simple programming functions without the potential for mechanical failure common to traditional dials. Available in 2-, 4-, 6-, and 8-station models, the DDCWP is a controller for those who demand a step above the rest.



Features & Benefits

Fully Waterproof and Submersible

Submersible up to 6.5' per IP-68 standards, allowing contractors to mount up to an 8-station controller in a valve box.

Operates DC Latching Solenoids

Controller is compatible with most manufacturers' DC Latching solenoids.

Exclusive "Digital Dial" Technology

Simple programming functions.

Unique Power Feature

Verifies sufficient voltage level for turning stations off before turning any stations on.

Monthly Watering Schedule

Monthly preset option – ideal for automatic runtime adjustments. Delay with Pump-enabled Option.



EZ-Flo® and P-220 valves shown with the DCLS-P Latching solenoid which provide cost and labor savings.

Specifications

Model	Description
• DDCWP-2-9V	2-station
• DDCWP-4-9V	4-station
• DDCWP-6-9V	6-station
• DDCWP-8-9V	8-station

Dimensions

- 5 3/4" W x 5" H x 1 1/16" D
- Weight: 23.3 oz. (without 9V battery)

Operating Specifications

- Operating temperature: 0° - 60° C
- Operates using two x 9V alkaline batteries (not supplied)
- Operates one latching solenoid per station and one latching solenoid-equipped master valve
- Controller is compatible with all Toro valves accepting latching solenoids (model DCLS-P or equivalent) and competitive valve models/latching solenoids
- Accepts Toro TRS RainSensor™ and other normally closed sensors
- Low-battery indicator visible on LCD screen
- Three independent programs and three start times per program
- Three scheduling choices by program:
 - Seven-day calendar
 - 1 to 7-day interval
 - Odd/even with 365-day calendar and 31st day exclusion
- Station run times from one minute to four hours in one-minute increments
- Seasonal adjust by month from 0-200% in 10% increments
- Manual operation by station or program
- Self-diagnostic circuit breaker skips shorted stations
- Five-year program retention with on-board coin battery saves time of day and all programming features

Warranty

- Two years

www.toro.com • The Toro Company • Irrigation Division
5825 Jasmine St. • Riverside, CA • 92504 • 877-345-8676



Specifications subject to change without notice. For more information, contact your local Toro distributor. P/N 10-1090-IRC ©2010 The Toro Company. All rights reserved.

Battery Cap



Easy installation of two 9V batteries with the simple screw on/off lid. The battery cap provides a dependable leak-proof seal allowing submersion up to 6.5' per IP-68.

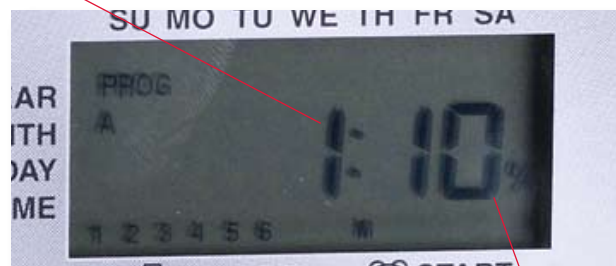
Water Management Highlight



Monthly % Adjust

DDCWP adjusts annual irrigation run time the first time the controller is set up. Options include from 0-200% and January to December scheduling. With easy adjusting for seasonal watering, water savings is enhanced for all-around intelligent programming.

1 = The first month, January



10 = 100%. 140% would be designated as 14.

Wire Run Lengths for DDCWP

With battery voltage at 9 VDC, maximum recommended wire runs for an 8-station DDCWP are:

Multi-strand Wire	Distance
	Feet
18 AWG	197
16 AWG	305
14 AWG	493
12 AWG	820

Specifying Information

DDCWP-X-9V		
Description	Stations	Voltage
DDCWP	XX	XX
DDCWP—Digital Dial Waterproof Controller	2—2 Stations 4—4 Stations	6—6 Stations 8—8 Stations
Example: An 8 station DDCWP controller would be specified as: DDCWP-8-9V		