

TORO Count on it.

DDC™ / DDCWP™ Series

RESIDENTIAL CONTROLLERS

While compact in size, the DDC Series controllers pack large features including digital dial technology and a waterproof, battery-operated counterpart.



ECONOMICAL

Extremely affordable for any residential or light irrigation application, the DDC Series controllers make setting up an irrigation schedule easier than ever.

FLEXIBLE

By now offering indoor, outdoor and battery-operated waterproof models, the DDC Series gives contractors more choices to meet the demands of any installation.

LATEST TECHNOLOGY

Patent-pending virtual dial interface simulates the simplicity of a mechanical dial while guiding you through simple programming functions.

TORO**Count on it.****SPECIFICATIONS****DDC™/DDCWP™
Series****KEY LOCKING
OUTDOOR MODEL**

Protects from vandals and the elements.

**MULTI-LINGUAL
OPTIONS**

Switch overlays to a variety of languages, including spanish.

**RAIN SENSOR
COMPATIBLE**

Wired rain sensor (DDCWP) or wireless rain/freeze sensor (DDC Indoor and Outdoor) available to halt irrigation when it rains, or temperature drops below a user defined point.

**TORO EXCLUSIVE
DIGITAL DIAL**

Simulates the simplicity of a traditional dial without the moving parts.

**DC LATCHING
SOLENOID**

The DDCWP operates the new potted DC latching solenoid

on popular valves EZ-Flo Plus, P-220 or 220 Series Brass.

ELECTRICAL SPECIFICATIONS**DDC Series Input Power**

- 120 VAC (50/60Hz)
(plug-in transformer, UL/CUL approved)
- 230 VAC (50/60Hz)
(plug-in transformer, CE Mark)
- 240 VAC (50/60Hz)
(plug-in transformer, SAA)
- 60 (0.50 amps) maximum

DDC Series Station Output Power

- 24 VAC
- 6 VA (0.25 amps) per station max
- 6 VA (0.25 amps) pump/master valve
- 12 VA (0.50 amps) total load

MECHANICAL SPECIFICATIONS**DDC Series Indoor Controller**

- **Dimensions**
• 5 3/4" W x 5" H x 1 1/2" D
(89mm x 178mm x 220mm)
- **Weight**
• 9 oz (280 g)
(without 9V battery)
- **500 mA class 2 transformer**

DDC Series Outdoor Controller**

- **Dimensions**
• 3 1/2" W x 8 5/8" H x 7" D
(89mm x 178mm x 220mm)
- **Weight**
• 2.5 lb (1,14 kg)
(without 9V battery)

FEATURES**Shared Features of DDC & DDCWP**

- 3 independent, stacking programs easily identified within "digital dial" interface
- 3 start times per program
- 1 to 240 minute run times
- 0 to 200% seasonal adjust (water budget) setting in 10% increments by program
- AM/PM or 24-hour time option
- True manual and manual program start
- Built-in rain delay
- Programmable master valve
- Convenient program review feature
- Easy to read faceplate in English and symbols
- 5 Year program retention, with on board coin battery
- Default program if loss of power occurs
- Conforms to electromagnetic compatibility directives (CEE, FCC and C-Tick)

ELECTRICAL SPECIFICATIONS**DDCWP Series**

- Operates using 2 x 9V alkaline batteries *(not supplied)*
- Operates one latching Toro solenoid per station and one latching solenoid equipped master valve
- Maximum distance between controller and a latching solenoid using 1mm² (AWG #18) sized wire: 60mm (197')
- Controller is compatible with all Toro valves accepting latching solenoids (model DCLS-P or equivalent) and select competitive valve models/latching solenoids
- Accepts Toro TRS RainSensor™ and other wired rain sensors

MECHANICAL SPECIFICATIONS**DDCWP Series**

- **Dimensions**
• 5 3/4" W x 5" H x 1 15/16" D
(14.5cm x 12.6cm x 4.9cm)
- **Weight**
• 23.3 oz (672 g)
(without 9V battery)
- **Operating temperature**
• 0° - 60° C (32° - 140° F)

Features Exclusive to DDC

- Semi-auto feature to manually start programs stored in controller memory
- Self-diagnostic circuit breaker identifies irrigation faults
- Large terminal screws for easy installation and wiring

Features Exclusive to DDCWP

- Fully waterproof and submersible to 2m (6') per IP68 standard
- Convenient mounting bracket for easy installation in valve boxes or tight spaces
- Compatible with wired sensor
- Waterproof connectors included for all stations, master valve and optional sensor
- Low battery indicator visible on LCD screen
- Unique power feature verifies sufficient voltage level for turning stations off before turning any stations on

Specifying Information

	DDC	X	120	XX
Description	DDC-Digital Dial Controller			
Stations	4 - 4 Stations 6 - 6 Stations 8 - 8 Stations			
Voltage			12 - 120 V ac	
Optional				OD - Outdoor ID - Indoor

Example: A 6-station DDC Controller with a 120 V ac plug-in transformer in an outdoor cabinet would be specified as: **DDC-6-120-OD****Specifying Information
Waterproof Model**

	DDCWP	X	9V
Description	DDCWP-Digital Dial Waterproof Controller		
Stations	2 - 2 Stations 4 - 4 Stations 6 - 6 Stations 8 - 8 Stations		
Voltage			9-Volt

Example: An 8-station DDC Controller with a 9-volt transformer in a waterproof cabinet would be specified as: **DDCWP-8-9V****www.toro.com****The Toro Company** • Irrigation Division • An ISO 9001 Certified Facility • PO Box 489 • Riverside, CA • 92502 • 800.664.4740

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