



DVC-345

Digital Valve Controller

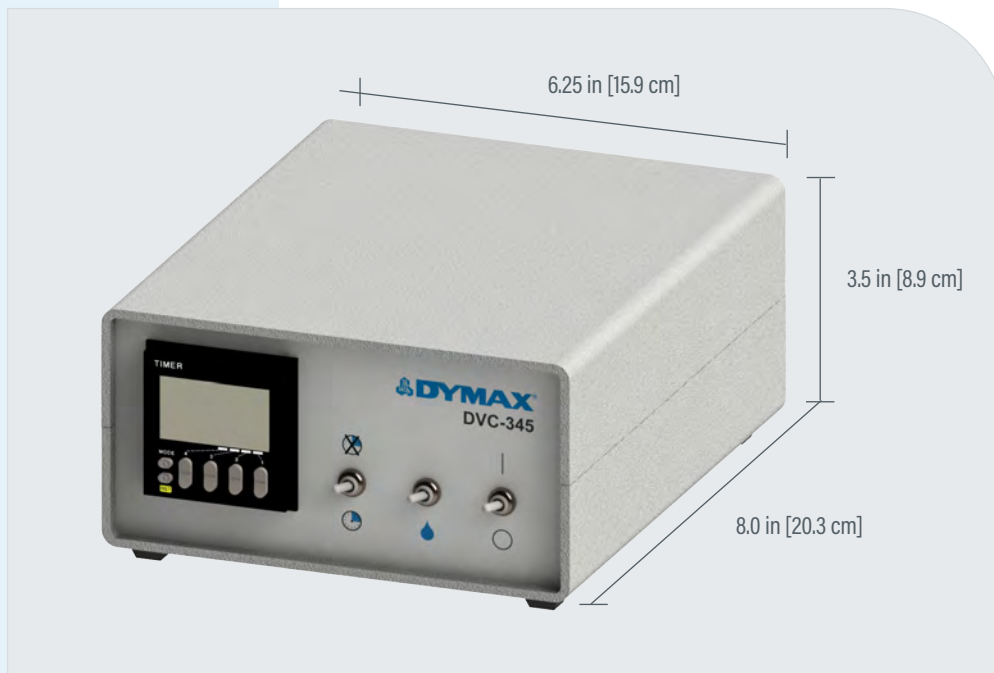
- Ideally suited for Dymax or other pneumatically actuated dispense valves
- Footswitch, manual, or PLC controlled operation
- Easy to operate and maintain
- Manual or timed dispense modes
- 0.001 to 9.999 second range, settable in 0.001 second increments
- Universal power supply and power plug adapters
- Compact and lightweight

The DVC-345 digital valve controller provides precise and consistent valve actuation without complex programming. Its internal 4-way solenoid valve operates Dymax or other pneumatic dispense valves. This controller may be operated via footswitch, manual front panel switch, or remote PLC. Cycle time may be set in a range from .001 to 9.999 seconds in .001 second increments. Front panel mounted controls provide a valve prime function, cycle adjustment, manual or timed dispense, and a multi-color LCD timer display. The controller also includes a DC wall-mount adapter with five global power adapters to convert the unit to 24 VDC, ensuring precise and repeatable shots.

Specifications	
Part Number	T11146
Power Requirements	120VAC, 240VAC, 50/60 Hz, 1/10 amp
Air Pressure Requirements	60 psi minimum/100 psi maximum, 25 micron filtered air
Operation	Manual, footswitch, or PLC
Timer	Programmable to 0.001 to 9.999 seconds in 0.001 second increments
Cycle Time	>15 milliseconds
Dimensions (W x D x H)	6.25" x 8" x 3.5" (15.9 cm x 20.3 cm x 8.9 cm)
Weight	2.8 lbs (1.27 kg)
Unit Warranty	1 year from purchase



Figure 1. Controller Dimensions



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Please note that most dispensing system applications are unique. Dymax does not warrant the fitness of the product for the intended application. Any warranty applicable to the product, its application and use is strictly limited to that contained in Dymax standard Conditions of Sale published on our website. Dymax recommends that any intended application be evaluated and tested by the user to ensure that desired performance criteria are satisfied. Dymax is willing to assist users in their performance testing and evaluation. Data sheets are available for valve controllers or pressure pots upon request.

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