

# UV-7B & UV-7BC Control Valve

*UV-7BC Offers Optional Down Speed Control!*



UL LISTED SF B44 ASME 17.1

**UV-7B** with shown with optional 2" grooved connections.



SF B44 ASME 17.1

**UV-7BC** with optional Down Speed Control.

The EECO UV-7B hydraulic control valve performs all the necessary functions for the operation of a hydraulic elevator in both directions of travel. The UV-7B is the ideal solution for low pressure, high flow rate applications.

The optional cover for the UV-7B control valve enhances protection for the coils and coil wires. It also provides a single exit port for all four pair of coil wires, simplifying installation. In addition, all UV-7B valves manufactured since January 2001 contain high temperature Viton seals throughout as a standard feature.

Also available is the Pressure Compensated UV-7BC which maintains Constant Down Speed between no load and full load conditions.

## Features

- Smooth Start:** Allows the pump motor to reach full running speed before load is applied to the pump. Provides a single adjustment for soft start and smooth acceleration.
- Up Transition:** Provides unvarying transition through a wide pressure range.
- Up Leveling:** Maintains leveling speed regardless of change of system pressure, oil viscosity or pump output.
- Up Stop:** Provides smooth up stop which is solenoid operated and adjustable.
- Lowering Valve:** Provides controlled down acceleration, precise constant down speed, down transition, adjustable leveling speed and soft stop. Tool-less manual lowering feature is standard.
- Check Valve:** Locks the elevator on a column of oil while the car is stopped.
- Valve Cover:** The UV-7B is available with an optional valve cover which is specially designed to provide a single exit port for all four pairs of solenoid wires.
- Additional Features:** A lightweight, heat-treated, high strength aluminum body. Moving parts are restricted to sliding sealed pistons. The valve has a fully adjustable pressure relief valve and optional 2 1/2" grooved connections.

# (888) 577-3326

[www.elevatorequipment.com](http://www.elevatorequipment.com)



**Elevator Equipment Corporation**



Elevator Equipment Corporation

4035 Goodwin Avenue, Los Angeles, CA 90039 - (800) 423-2800

2230 N.W. 12th Street, Richmond, IN 47374 - (800) 428-6564

LA Fax: (323) 245-9771 - Richmond, IN Fax: (765) 966-7299

www.elevatorequipment.com and www.eecovalves.com

# UV-7B & UV-7BC Quotation & Order Form

Request For Quote     Order, PO # \_\_\_\_\_

Company \_\_\_\_\_ Telephone (    ) \_\_\_\_\_

Contact \_\_\_\_\_ Fax (    ) \_\_\_\_\_

Company Address \_\_\_\_\_ E-mail Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_ Today's Date \_\_\_\_\_ Date Required \_\_\_\_\_

Project Name \_\_\_\_\_

1. Quantity Required <sup>2</sup>

2. Coil Voltage <sup>2</sup>

3. Existing valve (If any): EECO UV-7B (Size)   
Other (Mfg, model, size)

4. Static Pressure <sup>1</sup>  or Empty Car Weight (lbs)   
(psi), Empty car at bottom landing. Plunger Diameter (in)   
or Circumference (in)

5. Flow Rate (GPM) <sup>1</sup>  or Car Speed (FPM) Up   
Also need plunger info in #4 above. Down   
If different

6. Max Operating Pressure (psi)  or Capacity (lbs)   
Required for UV-7BC. Also need empty car weight info in #4 above.

7. Total Travel (ft)

8. Line Connections <sup>2</sup>    Pump    Jack    Return  
2.5" NPT <sup>3</sup>              
2.5" Grooved <sup>4</sup>           

9. Constant Down Speed (UV-7BC) <sup>4</sup>    Yes     No

10. 0-1000 psi Liquid Filled Pressure Gage <sup>4</sup>    Yes     No

11. Pressure Gage Quick Disconnect <sup>4</sup>    Jack     Pump

12. Pressure Gage Connection with Shut Off Valve <sup>4</sup>    Yes     No

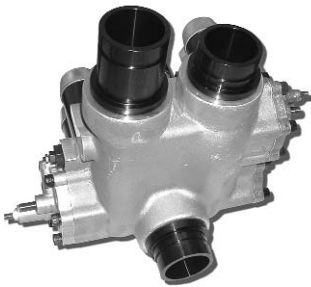
13. 90° 1/8" Male to Male Elbow    Yes     No

14. Low Pressure Switch <sup>4</sup>    Yes     No

<sup>1</sup> Required for sizing, <sup>2</sup> Required, <sup>3</sup> Standard, <sup>4</sup> Optional

Please fax this form to EECO at (323) 245-9771

## UV-7B



UV-7B with optional 2.5" grooved connections,  
Short: P/N 5632  
Long: P/N 5633



Optional Low Pressure Switch,  
N.O.: P/N 5253,  
N.O./N.C: P/N 5245



Optional 0-1000 psi liquid filled pressure gage, 1/8" Male NPT, P/N P10200

Optional 1/8" female NPT to female quick connect/disconnect fitting, P/N P10201

Optional 1/8" female NPT to male quick connect/disconnect fitting, P/N P10202

Optional 90° 1/8" NPT elbow male to male, P/N P10205

Optional 1/8" NPT male to male hex nipple, P/N P10203

Optional 1/8" NPT male to male shut off valve, P/N P10204