

**Humiditrol® EDA Valve
 Actuator Replacement Kit**

Installation Instruction for Humiditrol® EDA Valve Actuator Replacement Kit (11X10)

⚠ WARNING

Only technicians qualified for dehumidification installation and service should perform the procedures in this document.

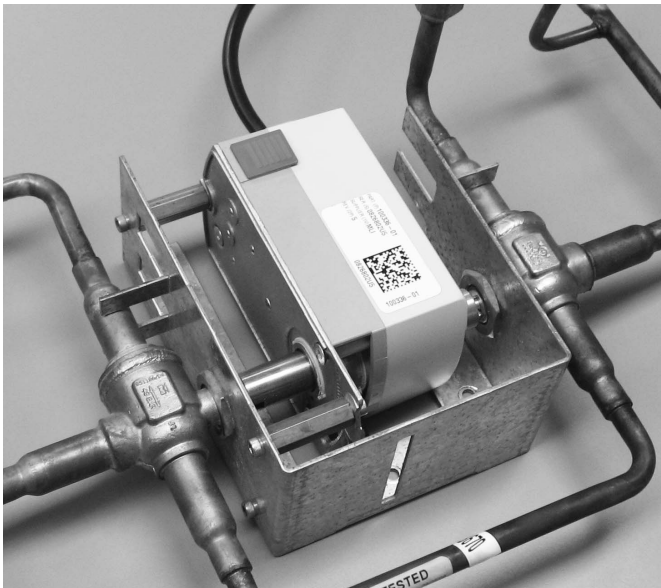







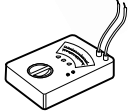



Figure 1. Humiditrol® EDA valve actuator

Shipping and Packing List

- Valve actuator.
- Installation Instruction

Required tools	*Helpful tools
 Allen wrench - 9/64"	 *Allen wrenches with handle
 Allen wrench - 5/32"	 *Pliers
 Nut driver - 1/4"	 *Magnet
 Phillips screwdriver	 *Multimeter
	 *Inspection mirror

Removing the access panel

1. Shut off electrical power to the EDA.
2. Remove two screws to remove the access panel (see figure 2).
3. At the relay inside the Humiditrol unit, disconnect the electrical wires to the valve actuator (see figure 3).

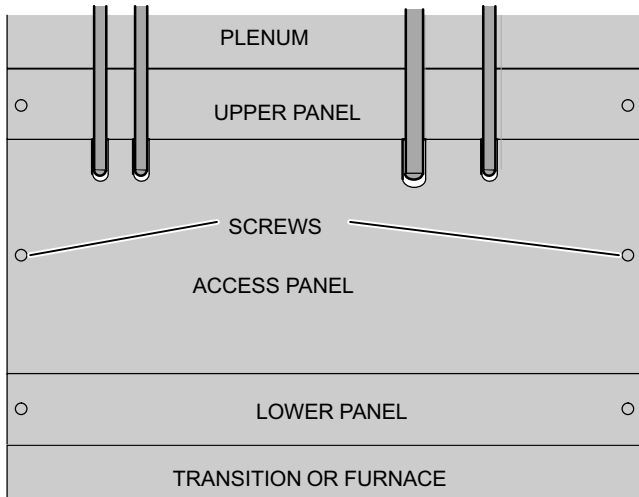


Figure 2. Front Humiditrol® panels

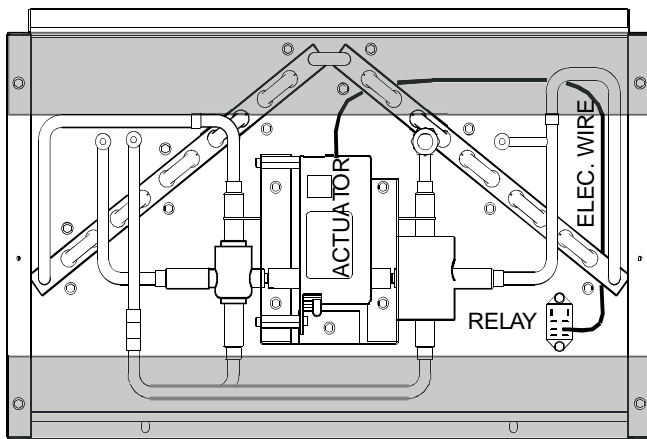
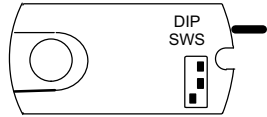


Figure 3. Humiditrol® (access panel removed)

Installation and service procedure

1. Open the silicone rubber flap on the new actuator and set, or confirm that, the 3 DIP switches are positioned as shown; then close flap. 
2. Remove the old actuator and install the new one as shown in figure 5 on Page 3.
3. Connect EDA Actuator wires to the EDA relay as shown in figure 4. **Note that the old and new actuators are connected differently.**
4. Refer to the Humiditrol Enhanced Dehumidification Accessory Installation and Service Instructions (506064-01) for check out and operation procedures.
5. When the unit has been checked out and is operating satisfactorily, reinstall the access panel.

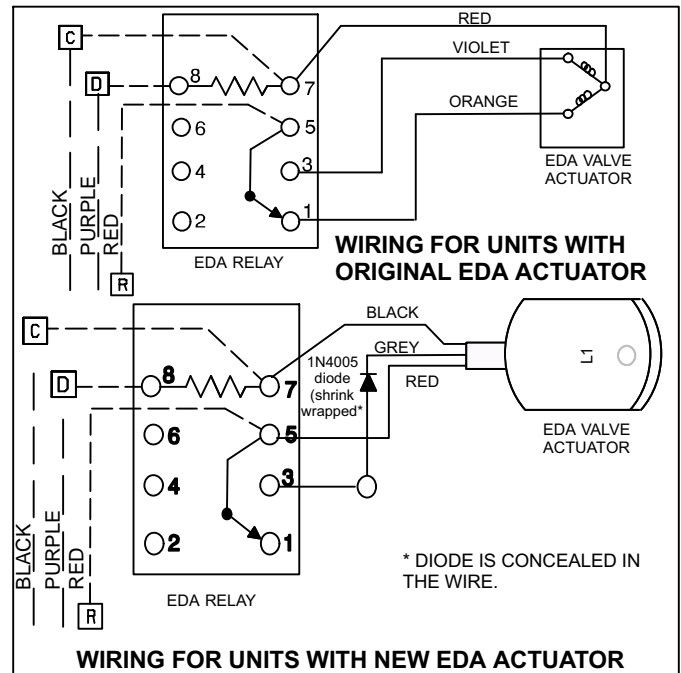


Figure 4. Wiring for actuators