

INSTALLATION INSTRUCTIONS

This instruction manual covers Valemo powerhead models AD1S, AD10, and AD10P, they are all Normally Closed, 24 VAC, 18" Leads, made exclusively for Honeywell powerhead replacement use. Further more, these powerheads are for use with Honeywell's new style valve bodies (series 6 with removable head) only, and include the motor, housing, and 2 mounting screws.

Wiring color: Motor leads are black (or yellow), end switch leads are red.

Before installation, please refer to the below table to make sure that the Valemo Powerhead model matches your Honeywell zone valve model or Honeywell powerhead part number that you are trying to replace.

Honeywell Valve Model	Honeywell powerhead part number	Honeywell Valve Description	Valemo powerhead model
V8043E	40003916-026	2-way valve with end switch	AD1S
V8043A	40003916-021	2-way valve without end switch	AD10P or AD1S (simply not connecting red switch wire)
V8044A	40003916-046 40003916-032	3-way valve without end switch	AD10

INSTALLATION

Before Installing this Product...

- Read these instructions carefully. Failure to follow them could damage the product or cause a hazardous condition.
- Check the ratings given in the label of old Honeywell's powerhead, make sure it is 24 VAC and normally closed zone valve.
- Confirm the valve body is new style or a valve body that has been converted to accept this new powerhead,
- Installer must be a trained, experienced service technician.

IMPORTANT

- Disconnect power supply before connecting wiring to prevent electrical shock or equipment damage.
- Disconnect leadwires to powerhead. Label each wire for rewiring later.

Remove Old Powerhead

1. Place the manual lever on the old powerhead in the MAN. OPEN position. (Fig. 1.)
2. Remove screw securing the cover to the powerhead. Lift powerhead cover off.
3. Remove the 2 screws securing the powerhead to the valve body. (Fig. 2.)
4. Lift the powerhead off the valve body.

Install the New Powerhead

1. Place the manual lever on the new AD1S powerhead in the MAN. OPEN position SLOWLY and FIRMLY. (Fig 1.)
2. Remove screw securing the cover to the powerhead. Lift powerhead cover off
3. Fit the powerhead onto the valve body, ensuring that the shaft seats correctly.

4. Secure the powerhead to the valve body with the 2 screws provided.(Fig 2.)
5. If fitted, reconnect the conduit or cable. Reconnect the wire leads to the powerhead. Motor wire leads are black, end switch wire leads are red.
6. Secure the cover to powerhead with a screw.

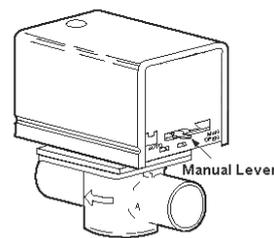


Fig. 1. Manual Lever

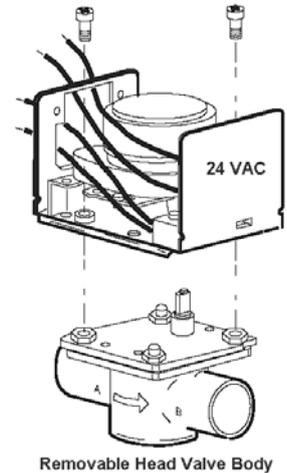


Fig. 2. Remove and Install Powerhead

OPERATION

When the powerhead is de-energized, a spring return mechanism drives the valve to the closed position. (Fig. 3A) When the powerhead is energized, the valve is opened. (Fig. 3B).

The valve can also be opened with no electrical power by moving the manual open lever over the stop and pushing slowly and firmly to the MAN. OPEN position. The stop permits the valve to be locked in the open position. The valve will return to automatic position when the valve is energized. End switch is not energized when valve is manually opened.

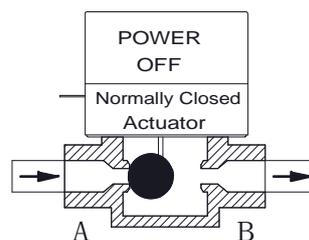


Fig. 3A.

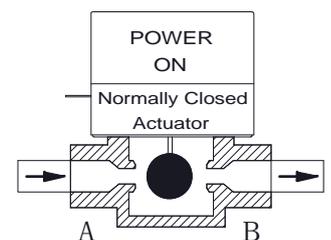


Fig. 3B

Fig. 3 Valve

WIRING

