

CONTROL PLATE INSTRUCTIONS (EPTS-CP)

The following instructions should be read in conjunction with any additional build specific or manufacturer's information supplied.

The control plate is designed to be used with any Access pump and tank set or as a standalone unit.

The plate should be wall mounted at a suitable height for all connections. The fixing holes are located on the four corners of the plate and the white spacer blocks supplied should be used to stand the plate slightly off the wall. Use screws and fixings to suit the weight of the plate and the fixing surface.

Electrical connection

A standard 3pin plug is pre-fitted to the unit, this has an internal 3amp fuse. This should be plugged into a dedicated 13amp plug socket.

Water connections

The supply inlet connection is 1" BSPM and this is located on one side of the plate below the blue isolation valve.

The outlet connections are 1" BSPF located below each zone control valve. The unions have built in seals and should not need additional sealing.

Zone control valves

The zone control valves will be Hunter PGV, either 24vac (2 red wires) or 9vdc (black and red wires). If a controller is specified these will be pre-wired no1 being on the LH side and the others wired sequentially.

If a pressure regulator is specified depending upon type this will be fitted to the valve outlet below the electrical solenoid or if a global regulator this will be located before the valves (for adjustment see below).

Controller

If a controller is specified this will be pre-wired to the zone control valves and pre-programmed if specified.

Sensors

if a sensor is specified, this will be pre-wired within the controller and a fly-lead left for easy connection of the sensor wires.

Commissioning Procedure

To commission the unit, ensure the supply pipe is connected and secure, ensure all output pipes are connected and secure, ensure any sensor is wired as appropriate. Plug in the unit and check for controller display.

Ensure the electrical and water supplies are live to the unit, use the controller to operate each valve in turn and ensure there are no connection leaks. If the controller has not been pre-programmed the start time, zone valve run times and sensor settings will need to be entered.

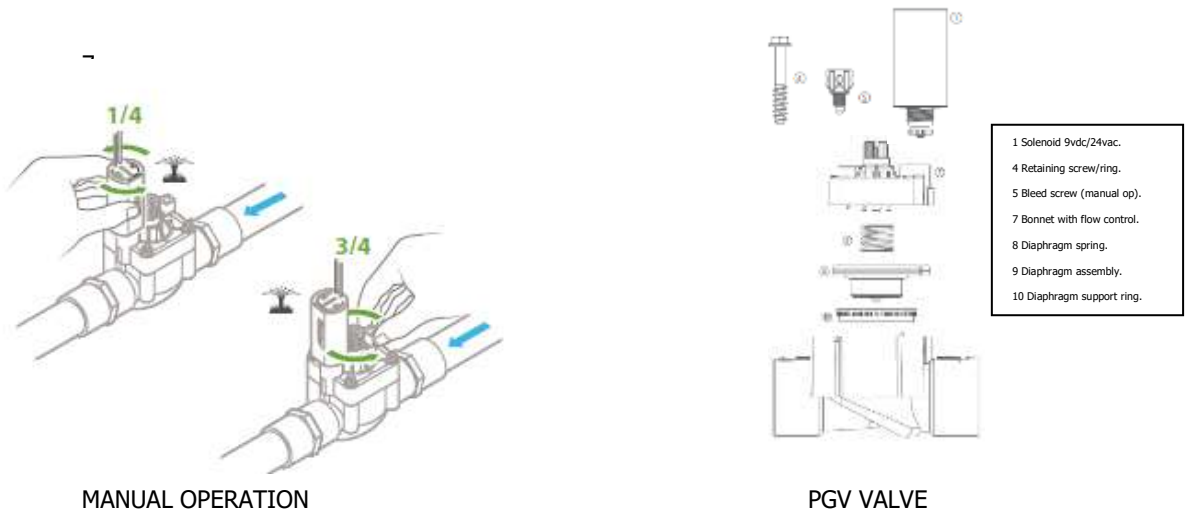
Periodic Maintenance

An element type filter is fitted to the inlet side of the unit and this should be checked at intervals appropriate to the water source quality as follows:

- Turn off the blue isolation valve located on the inlet point.
- Manually open a valve to relieve pressure (turn solenoid or bleed screw).
- Unscrew anti-clockwise the grey filter housing.
- Remove the inside element and wash under the tap (use a bottle brush).
- Replace element and lubricate housing 'O' ring seal (Vaseline) screw on housing and tighten.
- Tighten any slackened solenoid/bleed screw.
- Slowly turn on isolation valve and ensure there are no leaks.

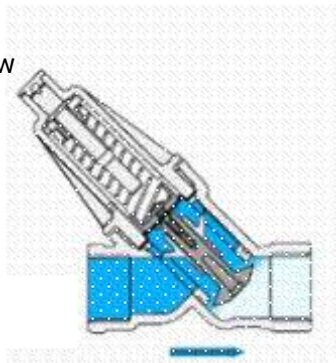
Always isolate and draindown the unit if located in an area where frost may occur.

Solenoid Valve Information

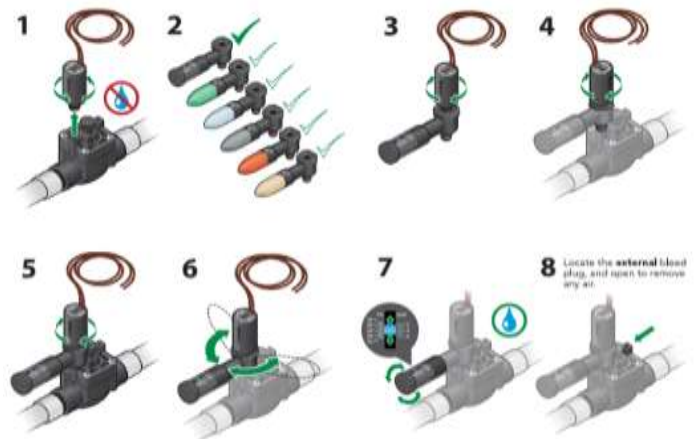


Pressure Regulator Information

Adjusting screw



BERMAD GLOBAL TYPE



ACCUSYNC INDIVIDUAL VALVE TYPE

Irrigation systems should only be installed by a competent person

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