

Davey SC Chlorinator – Installation Addendum:

Installation of Chlorinator Power Supply

The Davey SC Chlorinator controller has a Rating of IP24 enabling it to be installed outdoors. Regulations require that the control is not allowed to be located within 3 metres of the pool water.

The controller should be installed in a well ventilated position ideally away from direct sunlight. Ensure that the unit is not located near pool chemicals as fumes may damage the controller. Included in the kit are two green masonry plugs and screws.

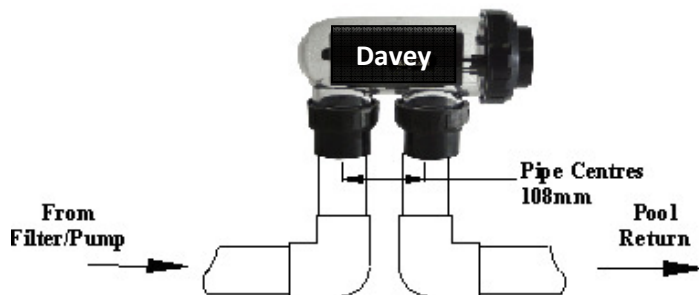
When installing on a brick or concrete wall, use a 7mm masonry drill. Mounting Screws should be 180mm apart and located at least 1500mm above ground level. A drilling template is provided on page 6. When installing the control on a post, first attach a flat waterproof panel at least 300mm wide by 500mm long. Make sure the control is located centrally on the panel and sits flat.

Plug the 3 pin plug into a suitable weatherproof outlet and then plug the pump into the 3 pin socket in the Chlorinator controller. **Note:** The pump current rating must not exceed 8 amps.

Cell Installation

The chlorinator cell must be located last in the pipe work just prior to the return to the pool. If valves are installed between the Chlorinator and the pool outlet, it is essential that they cannot deadhead the pump. If the pressure in the cell exceeds 150kPa and/or the water temperature exceeds 40 degrees C, the cell may fail.

The cell **must** be installed with the barrel unions underneath and the cell should be horizontal. Both 40mm and 50mm fittings have been provided. Make sure that the o'rings are correctly fitted and the unions are done up tightly.



WARNINGS: * Never install the cell before the pump or heater. * It is essential that pipe work and equipment do not allow gases generated from the cell to collect and build up

Typical Chlorinator Installation:

