

# ACCESS TEMPORARY CRICKET SQUARE WATERING PACKAGE

## Description of kit SCS1TP3.

The package comprises unique metal sled risers which can be repositioned whilst still connected. A flexible 3/4" hose is used to link the sleds together and connect to the available water supply. Geka type twist connections are used throughout to enable quick coupling and uncoupling. A multi-zone battery controller is included enabling the system to run automatically and from a modest water supply.

CODE	DESCRIPTION	QTY
EPAGDC4	Galcon DC4 battery controller (preassembled)	1
EPAGV	Hunter 1" DC solenoid valve (preassembled)	3
KRSA	Metal sled riser 0.36m	3
KN52-360	Naan 5022U 360deg sprinkler	3
PHT3-	Hosepipe 3/4" yellow (includes Geka fittings)	150m
EHRC4L	Blue hose reel carrier	1

## Supply requirements

The system will require a minimum pressure of 3.0 bar and a flow of 360l/h (1 sprinkler). It is recommended that the available flow and pressure is measured before installing.

## Sled assembly

The metal sleds are supplied unassembled and consist of a tee pre-fitted with 'Geka' twist connectors, a riser pre-fitted with a locknut and taped threads, a threaded socket and sprinkler.

- Seal the bare threads of the riser and the sprinkler with tape (**EPTFE-G**).
- Screw the socket (**FPTS2**) securely onto the riser then screw the sprinkler into the socket.
- Hold the tee beneath the base centre hole, push the end of the riser through the hole and screw tee and riser together, when tight screw the locknut down and tighten ensuring the tee is in the right position.
- Each sprinkler should be blanked off on one side using the Geka blanking cap (**FGBSE**).

## Supply pipe

The sprinklers are operated individually (see supplied drawing).

Assuming location of valve manifold is at the edge of the square, cut the 50m coil of yellow hose as follows:

- 1 x 25m (Valve 1)
- 1 x 15m (Valve 2)
- 1 x 5m (Valve 3)

Then fit the following components:

- First slip on a 3/4" hose clip (**FHC3**) and then push in a 3/4" Geka hoesetail (**FGBH3**) pull the hose clip up and tighten securely.

The remaining 100m length of hose is used to run from the tap supply to the manifold assembly. But first cut a short length from it to use as a link pipe from the hose reel to the water supply. To all ends fit a Geka hoesetail and clip as previous.

Geka fittings are all universal and simply twist together (note: they will not release under pressure).

## Hose reel carrier

A heavy-duty hose trolley is supplied for storing the main supply and link hoses. The sled linking hoses can be joined together and also stored on the trolley. The hose trolley has Geka inlet and outlet connections.

## Solenoid manifold assembly

The solenoid manifold assembly and controller will be supplied preassembled.

**Battery timer (see Galcon instructions)**

The Galcon battery timer is fully waterproof and can be left exposed. It will have been fitted with a 9v battery and current time and day entered. To conserve battery life the display remains blank until a button is pressed.

**Testing and setting controller**

Valves 1, 2 and 3 will have been preset with a run time of 2mins for initial testing purposes. Valve 4 will have been switched off and the cabling sealed and coiled together.

To test after setting up, simply press and hold the + button and the controller will start valve 1 you can leave it to run or advance to valves 2 and 3 by pressing the + button again (note: the valves are slow acting).

**Setting up (see layout drawing)**

The whole 30m x 30m square is watered in 3 moves of the 3 sprinkler run. To make setting up the sprinklers easier. Measure and mark all sides of the square at 5m and then 10m intervals.

You can start the run in the furthest or nearest location as preferred.

**Valve 1 sprinkler (LHS)**

Place the sled using the first marks (5m down x 5m across). Connect the 25m length of hose and run to the edge of the square.

**Valve 2 sprinkler (Centre)**

Place the sled at the next mark across. Connect the 15m length of hose and run to the edge of the square.

**Valve 3 sprinkler (RHS)**

Place the sled at the next mark across. Connect the 5m length of hose and run to the edge of the square.

Place the control manifold on the edge of the green and connect:

- 25m length to valve 1 outlet.
- 15m length to valve 2 outlet.
- 5m length to valve 3 outlet.

After watering repeat for the next 2 positions down.

**Supply**

Connect the hose trolley to the tap supply using the small hose and unreel the main supply hose to the connection point of the manifold.

Turn on the water supply and pressurise the manifold.

**Operation**

The sprinkler run period will be dependent upon site location and surface makeup etc. Assuming watering only at night it will take 3 nights to complete. As a guide in peak season run each valve for 2hr, 30mins. Individual sprinklers can be used for spot watering if required. See separate controller instructions for programming information.

**Maintenance**

Geka seals can dry out use plain water to lubricate them.

It is good practice to flush all hoses before use.

Change the controller battery (9v) at the start of the watering season, or if the controller indicates low battery.

During periods of likely frost drain the hoses and valve manifold.

If you have any queries regarding this kit or options available, please contact our sales department.

**UK water regulations require backflow prevention. The Local Water Authority must be consulted for specific requirements prior to installing this system.**

**Irrigation systems should only be installed by a competent person**

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