

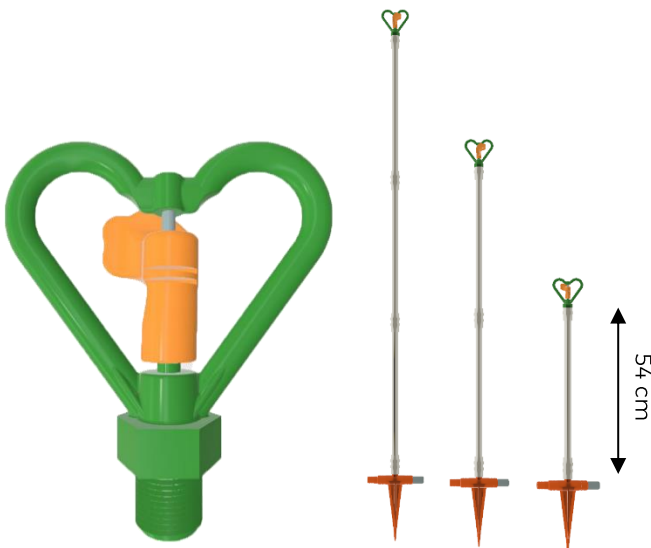
Accessories: Sprinklers

When using sprinklers with your Futurepump solar pump, they should be positioned at intervals along the discharge pipe. This document outlines optimal use of sprinklers.

Futurepump SF2: Between 2 and 4 low-pressure sprinklers can be used in-line on the discharge pipe and repositioned at intervals.

Futurepump SE1: We recommend using 2 low-pressure sprinklers.

TECHNICAL SPECIFICATIONS



- Rotating sprinkler head supplied fitted to upstand pipe (54cm) with extendable pipe
- Upstand pipe diameter: tapered 1-inch to 1.25 inch
- 360-degree water distribution
- Wetted area: 3-4m radius per sprinkler when using 4 sprinklers with the SF2 and 2-4m when using 2 sprinklers with the SE1
- Backpressure requirement: 4-5m (add 4-5m to measured installation head)
- Can be directly connected to 1-inch or 1.25-inch hose via the tapered connection

Note: optimal number of sprinklers and radius of water distribution are dependent on total lift and backpressure. Using sprinklers will increase the backpressure or total head that the pump sees (limiting your pumps lift).

MINIMUM SPRINKLERS
















- Futurepump SF2, 3 sprinklers minimum
- Futurepump SE1, 2 sprinklers minimum

Using fewer than the recommended minimum sprinklers will cause too much backpressure for the pump. This will cause the air vessels or hose to detach from the pump.

OPTIMAL SPRINKLERS

- Futurepump SF2, up to 4 sprinklers
- Futurepump SE1, 2 sprinklers

Adding more than the optimal number of sprinklers will not increase the area irrigated as each sprinklers' radius will decrease.

	SE1	SF2	
			Back pressure is too much, hoses will not stay attached.
			Recommended number of sprinklers. Back pressure will add 4-5m of head, therefore suitable for total lifts of <10m.
			With each added sprinkler there will be a drop off in performance, especially of those furthest from the pump.
			
			Total irrigated area does not increase.