



# Product Specifications

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## K-Rain PRO-S Sprays

Model # 78002, 78003, 78004, 78006, 78012

### Professional Series Spray Sprinklers

The sprinkler shall be a fixed-spray type capable of covering a \_\_\_\_\_ foot (\_\_\_\_\_ meter) radius at \_\_\_\_\_ PSI (\_\_\_\_\_ bars). The sprinkler body shall be available with a 2-inch (5 cm), 3-inch (7.5 cm), 4-inch (10 cm), 6-inch (15 cm) or 12-inch (30 cm) pop-up stroke, depending on the body specified, to bring the nozzle into a clean environment. When specified the pop-up versions of the sprinkler shall be fitted with a drain check valve capable of checking up to 10 feet (3 m) in elevation change.

The sprinkler shall have a factory-installed, removable flush cap with a pull-up tab that shall prevent debris from entering the sprinkler during installation and allow the system to be flushed before installing the nozzle. The flush cap shall have a directional flushing action that allows the water to escape only in one direction. The flush cap shall open as the stem extends and close when the stem is in the retracted position.

When specified the sprinkler shall be supplied with a fixed arc female thread nozzle in 360°, 270°, 180°, and 90° patterns in 8-foot (2.4-meter), 10-foot (3.0-meter), 12-foot (3.7-meter), and 15-foot (4.6-meter) radius. When specified the sprinkler shall be supplied with adjustable 25°-360° pattern female thread nozzle. Arc adjustment shall be set by use of multi function tool inserted into recess slot on nozzle top cover. Coverage arc shall be increased or decreased in accordance with arrow marking by rotation of the tool. When specified the sprinkler shall be supplied with a center strip 4 x 24 foot (1.2 x 7.3 meter), end strip 4 x 12 foot (1.2 x 3.65 meter) side strip 4 x 28 foot (1.2 x 8.5 meter) and high/low H4 x L4 x 28 foot (H4.2 x L1.2 x 8.5 meter) female threaded nozzle. When specified, the sprinkler shall have a molded purple twist cap to indicate the use of reclaimed water.

A tool shall be supplied for radius reduction of the spray nozzle (fixed and adjustable) by up to 25%. Nozzles shall be provided with large area fine mesh weave filters.

The body and riser of the sprinkler shall be constructed of corrosion and UV-resistant, heavy-duty ABS. The sprinkler riser shall incorporate a Friction-Clutch feature to allow the riser to be rotated to desired direction of water flow. The sprinkler shall have a heavy duty co-molded wiper seal to ensure leak free, full pop-up operation even under low pressure conditions. The sprinkler shall have a stainless steel spring for positive retraction of the riser when irrigation is complete.

The sprinkler shall have an exposed surface diameter following installation of 2 ½ inches (6.4 cm). The sprinkler shall have a 1/2-inch Female National Pipe Thread (FNPT) inlet. In addition, the 6-inch (15 cm) and 12-inch (30 cm) sprinklers shall be equipped with a standard 1/2-inch FNPT side inlet.

The sprinkler shall carry a five-year trade, exchange warranty. The sprinkler shall be manufactured by K-Rain Manufacturing Corporation of Riviera Beach, Florida an ISO 9001:2000 certified company.