HCV Check Valve Written Specifications

**Part 1 – General**

1.1The HCV irrigation check valve shall be a ½" FPT x ½" MPT (HC-50F-50M), ½" FPT x ½" FPT (HC-50F-50F), or ¾" FPT x ¾" MPT (HC-75F-75M).

**Part 2 – Parts and Material**

2.1The HCV shall be available with the following standard features:

A. Schedule 80 rated, up to 32' (9.8 m) of check height available, adjustments to be made from the top with a flat-head screwdriver, factory preset to 12' (3.7 m) of check height, compatible with all industry-standard threaded nipples, and easily hand-tightened.

 B. Dimensions

 1. HC-50F-50M

* + - * Length: 3" (7.5 cm)
			* Width: 1⅕" (3.0 cm)

 2. HC-50F-50F

* + - * Length: 3" (7.5 cm)
			* Width: 1⅕" (3.0 cm)

 3. HC-75F-75M

* + - * Length: 3" (7.5 cm)
			* Width: 1⅕" (3.0 cm)

 C. Material description

 1. The body shall be constructed of corrosion- and UV-stable PVC material.

 2. The spring shall be made of stainless steel.

2.2 Warranty

A. The HCV shall be installed in accordance with the manufacturer’s published instructions and carry a conditional two-year exchange warranty. It shall be an HCV series irrigation check valve as manufactured by Hunter Industries Incorporated, San Marcos, California.

**Part 3 – Function and Operation**

3.1 Check valve

A. The HCV shall be automatic with a molded plastic body, with a user-adjustable check height for residential and commercial/institutional applications.

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