

# Start-Matic™ Check Valves

By  FULL COVERAGE IRRIGATION®

Automatically and instantly open at 25 psi, just below the operating pressure of most solid set, portable, and permanent sprinkler systems. The easiest and most cost effective way to maximize irrigation system efficiency and improve germination.

## Solid Metal

Stronger than plastic, hard anodized aluminum and stainless-steel will hold up to the rigorous demands of portable and solid set sprinkler systems. From the pipe yard to the field and back, these check valves will hold up.

## Virtually No Pressure or Flow Loss

The FCI™ Start-Matic's unique and patent pending design minimizes pressure loss so effectively that increases in cycle time or system pressure to offset reduced flow will not be necessary.

## Seedbed Erosion, Soil Sealing, and Germination

A decades old problem of above ground solid set sprinkler systems has been the amount of time it takes to charge the system with water. While the main lines and laterals are slowly filling, water leaks out of the sprinklers at very low pressure forming small streams of water that not only move seeds around but can seal the soil and impact germination. The Start-Matic™ check valves will eliminate this problem because when they open at 25 psi, the sprinklers immediately begin to rotate and irrigate.

## Water Savings

During the low pressure phase of filling and pressurizing sprinkler systems, water that leaks from the sprinklers and pipe joints does not contribute to the crop irrigation. This water is wasted. A sprinkler system fitted with Start-Matic™ check valves does not leak while filling. No leaks...no waste! Even less water is wasted if the system is closed at shutoff because the valves keep the pipes full of water, preventing low head drainage.

## Long Term Dependability and Accuracy

Precision machining of metal parts coupled with low friction cup seals guarantee that FCI™ Start-Matic™ check valves will consistently open and close at 25 psi for many years.



Model Number: CV1214-01

**PATENTED & PATENT PENDING**

**U.S. PATENT #11,938,499**



**FULL COVERAGE IRRIGATION®**

*"Delivering Full Coverage Irrigation since 1990."*