

Simple, affordable accessory, installs in seconds to provide accurate pressure regulation



Accu-Set

With the added option of an Accu-Set on a Hunter valve, it is possible to reliably regulate pressure down stream from 20 to 100 PSI. Commercial sites are the most common place where the need for a pressure regulator exists. At such locations, quite often the incoming pressure can reach levels well in excess of 100 PSI. With Accu-Set added to a Hunter commercial valve, it is possible to regulate the outlet pressure to a lower, more appropriate level for

the sprinklers being installed. With an easy-to-read top adjustable dial, it is very simple to select and adjust the pressure to the desired setting. In addition to the ICV, the Accu-Set pressure regulator is available as an option on all other Hunter commercial valves and selected residential valves (see your authorized Hunter distributor for specific details). It can be field-installed in seconds, without tools.



Features & Benefits



Top-adjustable dial

Makes it easy to select the proper pressure

Installs quickly and easily

No tools required

Schrader valve

For downstream pressure verification and precision adjustment

Compatible with most Hunter valves

All commercial valves and residential valves without flow control

Compatible with Hunter battery-powered solenoids

Can be added to Hunter battery-operated controllers

Consistently withstands high pressures

Handles incoming pressures up to 220 PSI

Reliably regulates to a selected pressure

Regulate any incoming pressure to 20-100 PSI



Why Pressure Regulate?

Most irrigation professionals know that rotors have been designed to operate most efficiently at entirely different water pressures than sprays. Sprays (such as the Hunter PS and Pro-Spray®) perform best at 30 PSI, mid-range rotors (like PGP® and I-20 Ultra) are designed for 50 PSI, while larger rotors (such as I-25 Plus and I-40) handle 60-70 PSI. When the different types of sprinklers installed can function at their individual optimum pressures, a system will not only enjoy the advantages of better coverage, but better system longevity and water savings as well.

Models

ACCU-SET – Pressure regulator for PGV, ICV and IBV valves

Dimensions

- Height: 3¾"
- Width: 2½"

Specifications & Features

- Adjusts pressure for 20 to 100 PSI
- Works with both standard AC and DC latching solenoids
- Rugged design for years of dependable operation

Accu-Set Provides Pressure Regulation for the Massive Ladera Ranch



The Accu-Set, coupled with the ICV, was chosen to provide the 14,000+ home master-planned community Ladera Ranch with accurate pressure regulation. Located in Orange County, California, the project is renowned for its unique neighborhoods woven together by trails and open spaces—all with world-class landscaping. Steve Hohl, Design Principal of Water Concern, Ltd., specified Accu-Set pressure regulators for the over 5,000 valves. "Accu-Set was the best choice because of its ease of use and top adjustable dial."

The Ladera Ranch Project is also unique because of the extensive use of reclaimed water. Man-made seasonal streams with riparian habitats serve as natural bio-filtration systems for water runoff from lawns and streets. Other natural filtration systems feed run-off into holding tanks and ultimately to a pond used for irrigation of the community's vast common spaces.

Ladera Ranch uses the Accu-Set for dependable pressure regulation that is simple to install and set.

Accu-Set Installation Instructions



1. Remove the solenoid from the Hunter ICV irrigation valve.
2. Thread the Accu-Set into the solenoid area of the ICV.
3. Thread the solenoid into the Accu-Set.

Accu-Set Pressure Regulator Adjustment



1. Turn the clear dial on the top of the Accu-Set until the arrow underneath the clear dial is pointing to the desired downstream pressure.
2. The white colored scale is for PSI, the yellow colored scale is for BAR.

Accu-Set Valve Recommended Flow Ranges

Valve	Flow GPM	Flow l/min	Flow m ³ /hr
PGV-100	5 to 30	19 to 114	1.2 to 6.8
PGV-151	20 to 120	75 to 454	4.5 to 27.5
PGV-201	40 to 150	150 to 750	9 to 34
ICV-101	5 to 40	19 to 150	1.2 to 9
ICV-151	20 to 150	75 to 565	4.5 to 34
ICV-201	40 to 200	150 to 750	9 to 45.5
ICV-301	150 to 300	565 to 1135	34 to 68
IBV-101	5 to 40	19 to 150	1.2 to 9
IBV-151	20 to 150	75 to 565	4.5 to 34
IBV-201	40 to 200	150 to 750	9 to 45.5
IBV-301	150 to 300	565 to 1135	34 to 68

SPECIFICATION GUIDE

EXAMPLE: **ACCU-SET**

MODEL
ACCU-SET = Accu-Set™ Pressure Regulator

Note: To add an Accu-Set™ Pressure Regulator to PGV 1½" and 2" models, ICV or ICV Filter Sentry™, or IBV Valves, specify AS with valve.