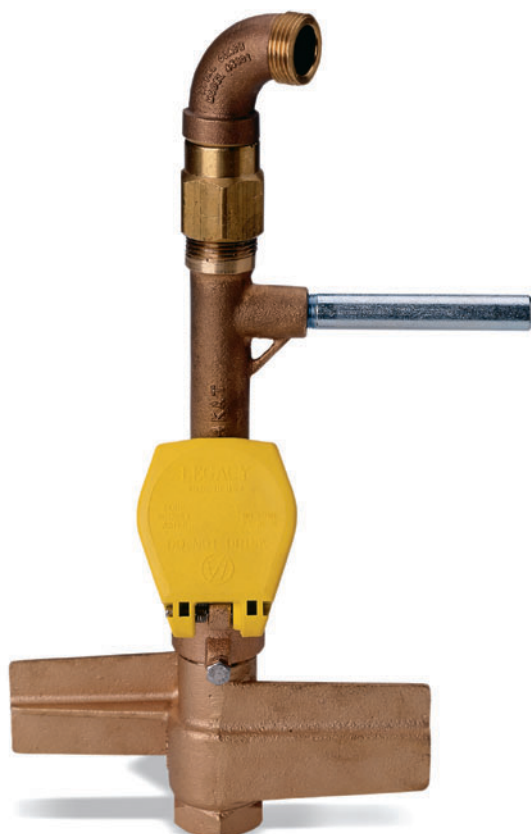




**H**unter's manual watering accessories are innovative, high value products. The QCV-100 quick coupling valves are engineered for years of daily use. Designed for maximum reliability, they also incorporate patented features for field serviceability, operator safety, and manual control. The QCV-100 is equipped with anti-rotation stabilizers, Acme threads to couple the key to the valve body, and a spring-loaded high visibility rubber

cover. The two-piece body design allows field maintenance without depressurizing the irrigation system. All Hunter quick coupler valves, keys, and hose swivels are cast in America of superior quality red brass. Hunter quick coupling valves provide a quick and easy means to spot water turf or shrub areas. They are also effective for flushing contaminants from piping and providing air relief during system start-up.

### FEATURES & BENEFITS



#### Patented solid red brass anti-rotation wings

Stop unthreading of valve while horizontal fins prevent sinking and heaving

#### Spring-loaded, high visibility lid for positive closing

Prevents mower blade damage

#### Two-piece valve body (with replaceable upper)

Safe, easy maintenance and service while under pressure

#### Stainless steel spring and brass plunger

Corrosion resistant, self-flushing design

#### Chevron-shaped wiper seal

Minimizes leakage around key

#### Acme-thread key engagement

Prevents accidental disengagement under pressure

#### Variable flow operation

Thread design allows low-flow operation for seeded areas

#### Matching 1" x 1" hose swivels

Interchangeable between coupler keys and rotor cases (with hose swivel adapters)



Hose Swivel Adapters fit all standard quick coupling keys.



Heavy Acme threads secure the key with two full threads of engagement before water flow begins.

Threaded keys permit gradual increase in flow, to allow gentle irrigation without washing away seed and soil.

MODEL	DESCRIPTION	SPECIFICATIONS
QCV-100	1" Quick Coupler Valve - NPT	Female Inlet: 1" NPT; 6" (15 cm) Tall x 8" (20 cm) Wide x 3 1/2" (9 cm) Deep
QCV-100B	1" Quick Coupling Valve - BSP	Female Inlet: 1" BSP; 6" (15 cm) Tall x 8" (20 cm) Wide x 3 1/2" (9 cm) Deep
QCV-100K	Quick Coupler Key	Male Outlet: 1" NPT; 9 7/8" (25 cm) Tall x 6 1/4" (16 cm) Wide x 2 1/2" (6 cm) Deep
HS-100	Hose Swivel	Female Inlet: 1" NPT, Male Outlet 1" Hose Thread; 4 1/4" (11 cm) Tall x 1 1/2" (4 cm) Wide x 2 1/2" (6 cm) Deep

Pressure Loss in PSI	
GPM	Loss in PSI
5	.1
10	.2
15	.3
20	1.0
30	3.9
40	8.3
50	13.8

Pressure Loss in kPa	
l/min.	Loss in kPa
18.9	.3
37.9	.9
56.8	1.6
75.7	6.9
113.6	26.8
151.4	57.1
189.3	94.9

Pressure Loss in Bars	
m <sup>3</sup> /hr	Loss in Bars
1.14	.00
2.27	.00
3.41	.01
4.54	.07
6.81	.27
9.09	.56
11.36	.94

