

Pressure Regulating, and Quick-Check Pressure Regulating Basket Filters

The only commercial-grade filter with built in pressure regulator for low-volume irrigation zones. Also available with a clean/dirty indicator.

Features

- Reduces maintenance and labor costs - 40% larger filter surface than standard filters means less frequent cleaning
- Provides increased reliability – “No Spill” feature ensures dirt does not fall back into the filter during cleanup operation
- Simplifies installation and maintenance – threaded top with O-ring makes it easy to remove and clean that stainless steel filter screen
- Efficient design – combines filtration and pressure regulation in one compact unit with fewer connections
- Available in 1" model
- Comes pre-assembled with 200 mesh (75 micron) stainless steel screen (other screen sizes available)
- Built-in 40 psi (2,7 bar) pressure regulator
- Also available in Light Commercial Control Zone Kits:
 - XCZ-100-PRBR (without Quick-Check feature)
 - XCZ-100-PRB-LC (without Quick-Check feature)
 - XCZ-PRB-100-COM (with Quick-Check)
 - XCZ-PRB-150-COM (with Quick-Check)

Operating Range

- Flow: 0.3 to 20 gpm (18.9 to 75.7 l/m)
- Inlet Pressure: 15 to 150 psi (1,0 to 10,3 bar)
- Regulating Pressure: 40 psi (2,7 bar)
- Filtration: 200 mesh (75 micron) stainless steel
- Temperature: Up to 150 degree F (66 degree C)

Models

- PRB-100: 1" Basket Filter with built-in Pressure Regulator (40 psi) and 200 mesh (75 micron) stainless steel screen
- PRB-QKCHK-100: 1" Basket Filter with built-in Pressure Regulator (40 psi) and 200 mesh (75 micron) stainless steel screen

Replacement Filter Screens

- QKCHK-100M: 100 mesh stainless steel screen, red
- QKCHK-200M: 200 mesh stainless steel screen, white

Replacement Cap

- QKCHKCAP (Complete cap with body o-ring)

Note: When installing with the emission points more than 5 feet above the pressure regulating filter, a check valve should be installed after the regulator.

Minimum Inlet Pressure for 40 psi (2.8 bar) Outlet Pressure

Flow Rate	Inlet Pressure		Inlet Pressure		
	PRB-100 / PRB-QKCHK-100	PRB-QKCHK-200	PRB-100 / PRB-QKCHK-100	PRB-QKCHK-200	
gpm	l/m	psi	bar	psi	bar
3	11.4	41	2.8	43	2.9
5	18.9	42	2.9	48	3.3
10	37.9	48	3.3	52	3.6
15	56.8	52	3.6	54	3.7
20	75.7	64	4.4	66	4.5



PRB-100



PRB-QKCHK-100



QKCHK-200M