

PRESSURE-REGULATING FILTERS

- The Pressure-Regulating (P/R) Filter reduces the number of components in a control zone, making it smaller and easier to install. More control zones can fit in one valve box!
- Combination unit reduces the number of connections, making installation easier and saving time.
- The P/R Filter provides increased reliability-- fewer parts and fewer threaded connections mean less chance of a leak both at installation and also over the life of the system.

FEATURES

- Unique, compact unit that combines filtration and pressure regulation in one unit for protection of downstream components in a drip irrigation system
- Available in either the static RBY filter or the self-cleaning Back Flush Filter, each of these units regulates pressure to a nominal 2 bar
 - P/R RBY Filter Cap has sealing o-ring and unthreads to provide access to the filter element for easy cleaning
 - P/R Backflush Filter provides self-cleaning action with every cycle, as debris is flushed every time the system is turned on and off
- 2 bar pressure regulator is integrated into filter body
- Body and cap made of glass filled nylon, providing 10,3 bar pressure rating

- Works with all valves to create a simple, efficient control zone

SPECIFICATIONS

Pressure: 1,4 to 10,3 bars
 Flow:
 3/4" units: 114 to 1136 liters/hour
 1" units: 681 to 3407 liters/hour
 Filtration: 75 microns
 Regulated pressure: 2,0 bar (3/4") or 2,8 bar (1")

MODELS

PRF-075-RBY: 3/4" RBY pressure regulating filter
 PRF-075-BFF: 3/4" self-cleaning Back Flush Filter with pressure regulator
 I-PRF-100-RBY: 1" RBY pressure regulating filter
 I-PRF-100-BFF: 1" self-cleaning Back Flush Filter with pressure regulator



ACCESSORIES

RBY-200MX: 75 micron replacement screen
 BFF-200MX: 75 micron replacement screen

Friction Loss Characteristics

Flow l/hr	PRF-075-RBY bar	PRF-100-RBY bar	PRF-075-BFF bar	PRF-100-BFF bar
45	0,21	N/A	0,22	N/A
227	0,28	N/A	0,28	N/A
681	0,42	0,06	0,43	0,03
1136	0,69	0,14	0,71	0,14
1817	N/A	0,26	N/A	0,28
2271	N/A	0,36	N/A	0,37
3407	N/A	0,83	N/A	0,87

BASKET FILTER

APPLICATIONS

This new, innovative filter provides reliability and reduces labor and maintenance costs.

FEATURES

- Top contains clear indicator that goes from green to red when filter is full, telling you when to clean the filter. This reduces maintenance and takes the guesswork out of cleaning the filter.
- Threaded top makes it easy to remove and clean the stainless steel screen.
- "No Spill" feature ensures that the dirt does not fall out of the basket filter element when you remove the screen for cleaning.

SPECIFICATIONS

Pressure: 0 to 10.3 bars
 Flow: 1" Basket Filter: 681 to 4542 liters/hour

MODELS

QKCHK-100 (1" Basket Filter)
 QKCHK-100M (150 micron screen)
 QKCHK-200M (75 micron screen)

Friction Loss Characteristics

QKCHK-100

Flow Rate, l/hr	75 micron, bar
681	0,01
1136	0,02
1590	0,04
2044	0,06
2498	0,08
3179	0,14
3861	0,21
4542	0,30

