

HFR FILTER/REGULATOR

The filter/regulator shall be a combination filter and pressure regulator assembly. The filter/regulator will be capable of operating between 20 - 120 PSI (1.4 - 8.8 bar; 140 - 800 kPa) with a flow range of between 0.5 - 15 GPM / 30 - 900 GPH (2 - 57 l/m / 120 - 3420 l/hr). The downstream pressure shall be 25 or 40 PSI (1.7 or 2.8 bar; 170 or 280 kPa) depending on the specified model.

The filter/regulator shall be available in an in-line configuration. All filter/regulator models will have either ¾-inch or 1-inch Male National Pipe Thread (MNPT) inlets, depending on the specified model, and ¾-inch Female National Pipe Thread (FNPT) outlets.

The housing and regulator shall be molded of non-corrodible PVC, rated to 150 PSI (10.3 bars, 1034 kPa). All internal portions of the assembly shall be of molded construction and shall have durable materials that are non-destructible in severe conditions.

The filter/regulator shall be equipped with a 150 mesh stainless steel filter, so only clean water can be discharged through the regulator. The filter assembly must have a removable cap for easy service and cleaning.

The filter/regulator shall be standard with a non-adjustable pressure-regulating device that is factory calibrated for the correct outlet pressure. The regulator shall be capable of reducing the outlet pressure to 25 or 40 PSI (1.7 or 2.8 bar; 170 or 280 kPa) depending on the specified model when the inlet pressure is 15 PSI (1.0 bars; 103 kPa) or greater than the regulated outlet pressure. The regulated downstream pressure shall remain constant regardless of variations in upstream pressure.

The filter/regulator shall be rated for use up to 120 degrees F (49 degrees C).

The filter/regulator shall be manufactured by Hunter Industries Incorporated, San Marcos, California.