

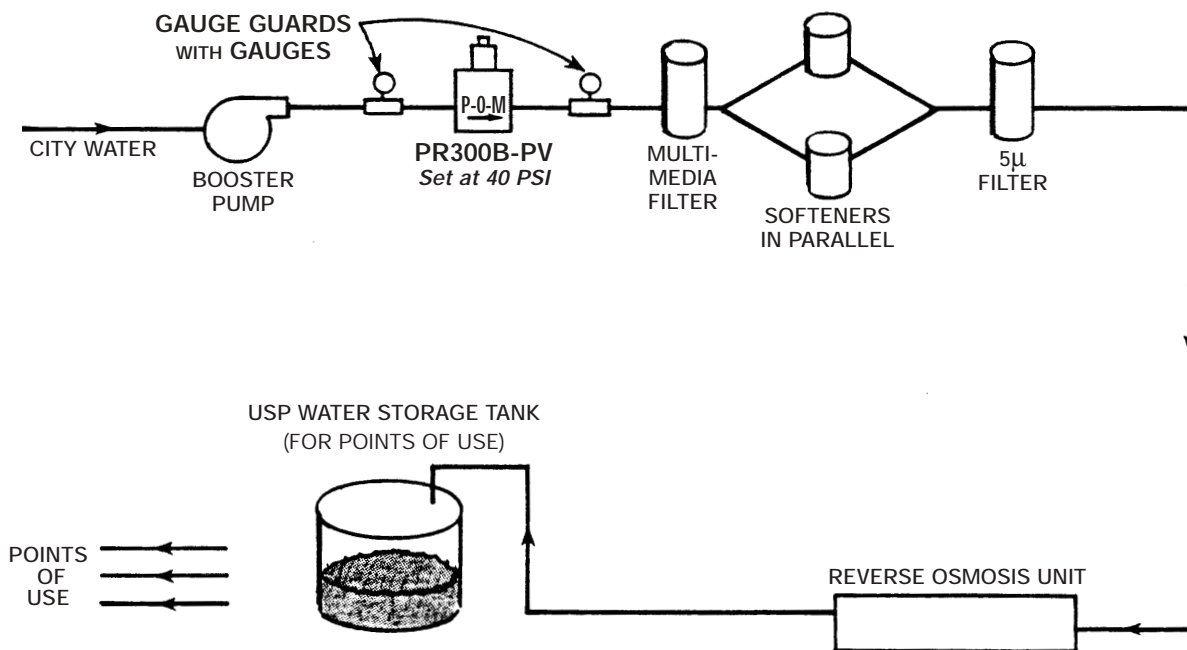
MARKET Pharmaceutical Manufacturing

PRODUCT(S) Series PR300B-PV, GGMT200-PV, GGMT060-PV

REQUIREMENT To protect reverse osmosis unit and equipment from excessive pressure.

PROCESS FLUID(S) City Water

INLET PRESSURE/TEMPERATURE Up to 150 PSI / Ambient



A pharmaceutical facility processes USP water for storage and subsequent utilization in the manufacture of pet care drugs. The R. O. (Reverse Osmosis) unit is extremely delicate and cannot be subjected to pressures in excess of 40 PSI.

However, this process requires high flow rates up to 100 GPM, without drastic downstream pressure drop-off.

Plast-O-Matic Series PR Pressure Regulator was specified for its one piece body construction, which eliminates creep, and offers non-sticking, sensitive operation.

The PR300 (3" size unit) was specifically selected to minimize the "droop" caused by increasing flow. Series GGM Gauge Guards and Pressure Gauges provide visual indication of upstream and downstream pressures.

NOTE: Bulletins are intended only to show possible applications of Plast-O-Matic products and are not design recommendations for a system or its safety. See statement of limitations in front of manual.