

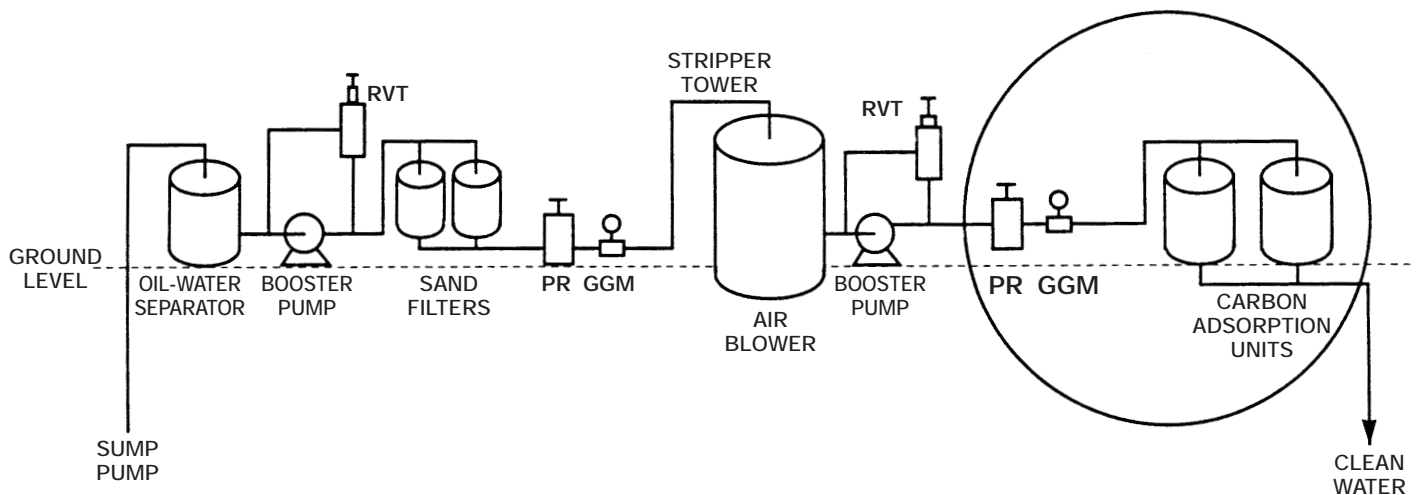
MARKET Ground Water Remediation

PRODUCT(S) Pressure Regulator Series PR

REQUIREMENT To prevent the carbon adsorption units from over-pressurizing.

PROCESS FLUID(S) Ground Water

INLET PRESSURE/TEMPERATURE Varying / Ambient



During the remediation process for ground water, the water passes through several different pieces of equipment, each eliminating a specific contaminant. One piece of equipment, the carbon adsorption unit, is used to filter out small diameter particles at the final stage of the remediation process. The carbon canisters have a maximum pressure limitation of 10 PSI. If this pressure is exceeded the lids will blow off the canisters. As the

water filters through the canister, particles collect and the pressure drop increases across the unit. As the pressure regulator senses the increase in pressure, it will begin to close. When 10 PSI is reached, the regulator will be fully closed, thereby protecting the canisters from becoming over-pressurized. The canisters are now replaced with clean units and the remediation process continues.

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.