

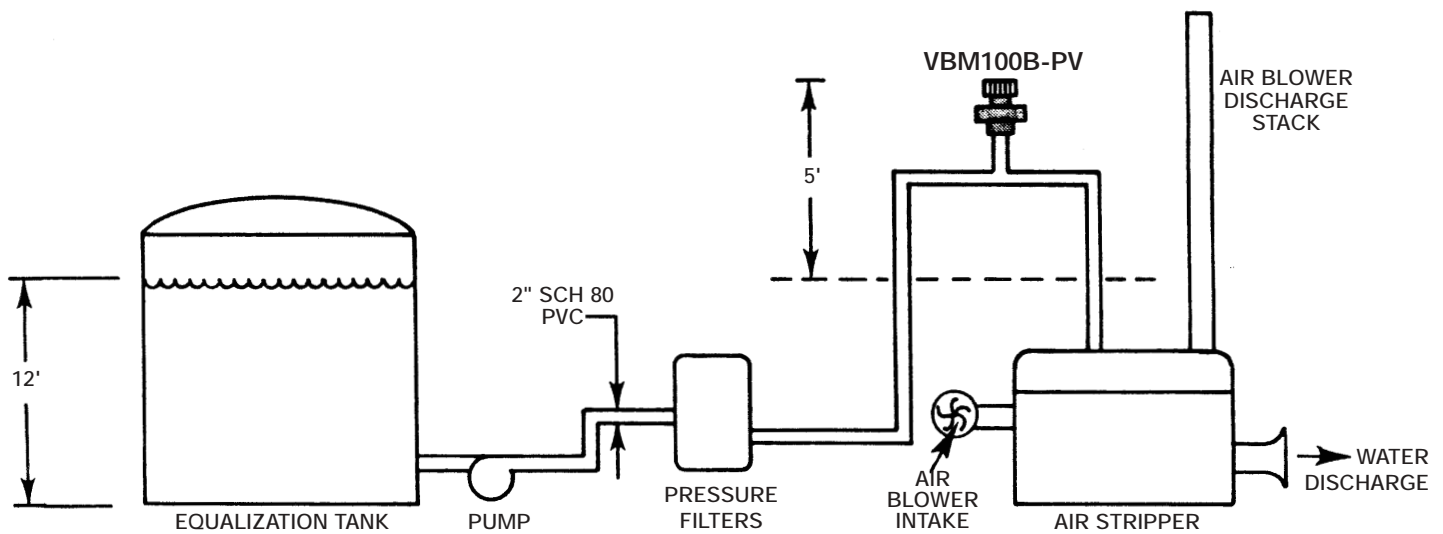
MARKET Ground Water Remediation

PRODUCT(S) Series VBM100B-PV

REQUIREMENT To prevent siphoning of water when pump is de-energized.

PROCESS FLUID(S) Contaminated Ground Water (traces of volatile organics)

INLET PRESSURE/TEMPERATURE 40 PSI / Ambient



VBM Series Vacuum Breaker complements a ground water remediation process by elimination of siphoning. The remediation process, illustrated on the diagram, begins with chemical treatment in the equalization tank. This tank serves to balance effluent in a batch type process. Prior to installation of the VBM, siphoning would occur

when the pump was de-energized. Downstream piping of lower elevation would allow the system to be siphoned. The VBM was installed in a “u-bend” 5 feet above the highest liquid level (which is 12 feet in the tank). The VBM was also selected for its normally-closed design which prevents media from escaping to the atmosphere and surroundings.

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.