

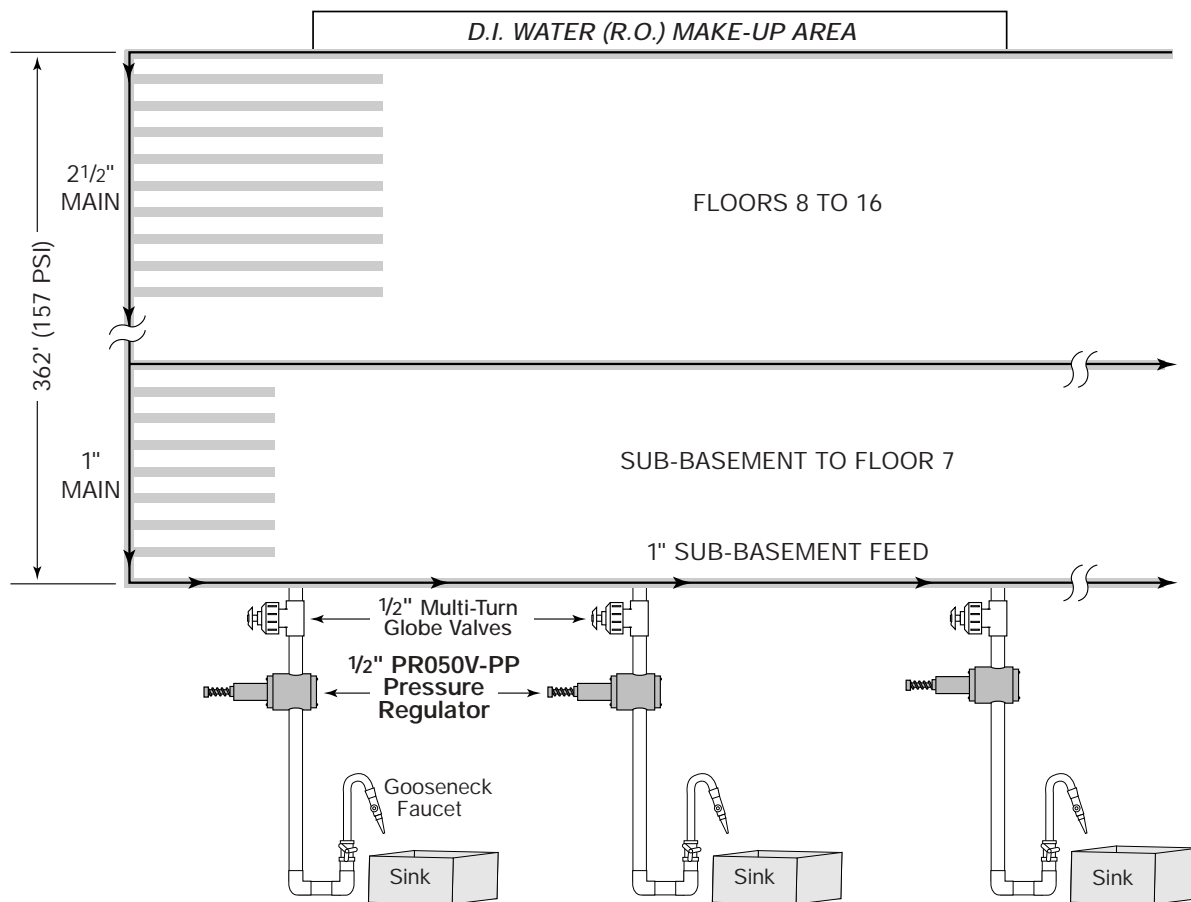
MARKET Hospital / Research Center

PRODUCT(S) Pressure Regulator – PR050V-PP

REQUIREMENT To provide assurance that lab sinks are protected from full head pressures.

PROCESS FLUID(S) R.O. (Reverse Osmosis) High Purity Water

INLET PRESSURE/TEMPERATURE 157 PSI / Ambient



A world-renowned New York City hospital and research facility needed to protect its lab equipment and experiments from excessive pressure created by approximately 362 feet of head. The multi-turn globe pattern needle valves installed

prior to the pressure regulators (a.k.a. pressure reducing valves) ensure slow opening and eliminate water hammer that would develop if quick opening ball valves were used.