

Location: _____



Barracuda 40

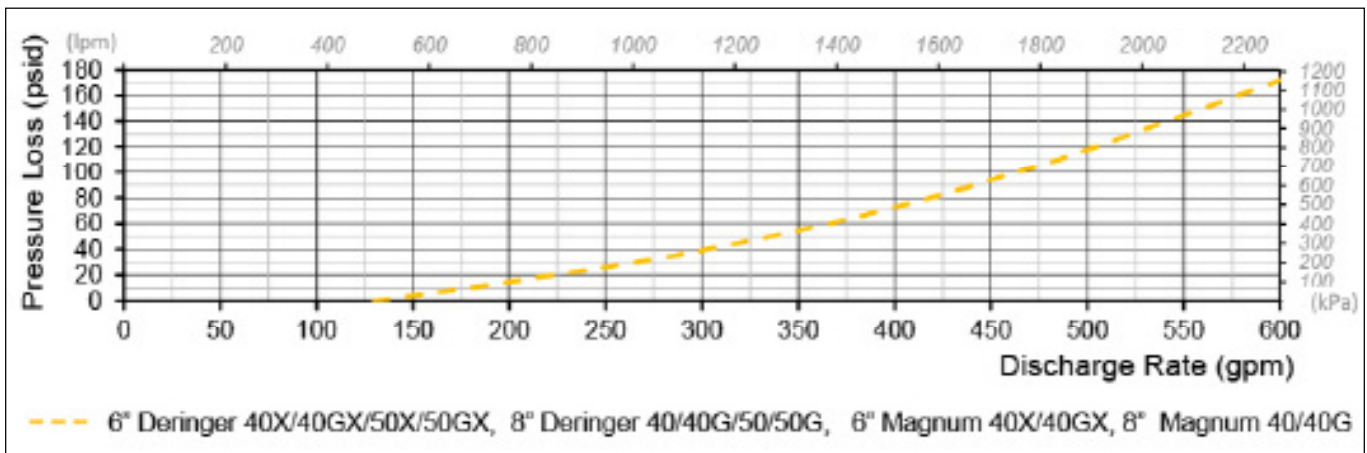
REDUCED PRESSURE VALVE (FRP)



ENGINEERING AND SPECIFICATIONS

The **Barracuda 40 Reduced Pressure (RP) valve** shall utilize two independent Dual Action Check modules and two integral resiliently seated shut-of valves all of which shall be contained within a single rigid valve housing constructed entirely of 304 stainless steel. Dual Action Check modules shall operate as a “poppet style” check under low flow conditions, operate as a “swing style” check under high flow conditions and utilize replaceable silicone elastomer sealing discs. Assembly test cocks shall be handle-less and operate via a tamper resistant actuator. Assembly shall have a single full access service port and cover with an “inline” replaceable elastomer seal. Relief Valve shall operate using only static seals (zero dynamic/sliding seals). All wetted surface Relief Valve components shall be constructed of stainless steel. Assembly shall be serviceable without special tools.

MAXIMUM RELIEF VALVE DISCHARGE RATES



Air Gap Assembly will capture and evacuate light water discharge from the Relief Valve caused by daily fluctuation in system/supply pressure. An Air Gap Assembly will **NOT** capture and evacuate the Maximum Relief Valve Discharge Rate caused by catastrophic valve or system failure. An auxiliary drain (separate and independent of the Air Gap Assembly) is **REQUIRED** and **MUST** be properly sized for the Maximum Relief Valve Discharge Rate. Backflow Direct shall not be responsible for any special, consequential or incidental damages, including without limitation, repair costs, lost profits, property damage, or any other costs resulting from labor charges, delays, vandalism, negligence, fouling caused by foreign material, adverse water conditions or any other circumstances, caused by lack of auxiliary drain, location of auxiliary drain or undersized auxiliary drain.

CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Job Name: _____	Page No: _____
Section No: _____	Contractor: _____
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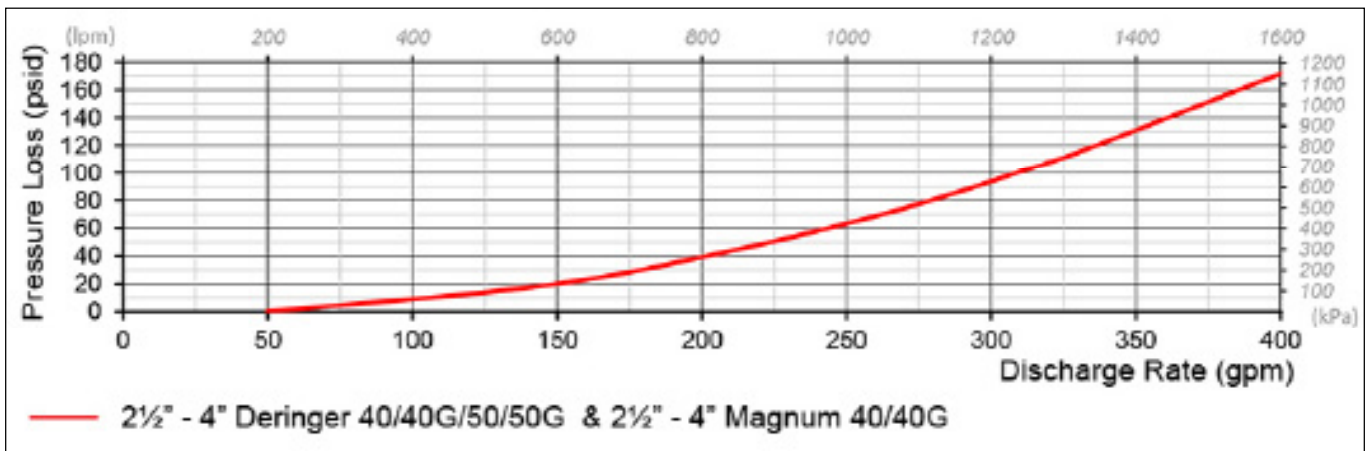
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