



VLMT.EX3123 Special System Water Control Valves, Pressure-reducing and Pressure-control Type

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FIRE-END & CROKER CORP

EX3123

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Pressure reducing valves, Models 5550/5555, 5570/5575/5577, 5590/5595/5597 pressure reducing valves utilize different bonnet configurations which are selected based upon inlet pressure conditions and desired outlet pressure. These valves are designed to reduce the outlet pressure under both flow and static conditions. The maximum inlet pressure for each bonnet configuration is as follows:

Model	Type	Size In.	Max Rated Inlet Pressure psi
5550/5555	15	1-1/2	225
5550/5555	20	1-1/2	250
5550/5555	25	1-1/2	250
5550/5555	30	1-1/2	300
5550/5555	35	1-1/2	300
5550/5555	40	1-1/2	300
5550/5555	45	1-1/2	300
5550/5555	50	1-1/2	300
5570/5575/5577, 5590/5595/5597	55	2-1/2	200
5570/5575/5577, 5590/5595/5597	60	2-1/2	200
5570/5575/5577, 5590/5595/5597	65	2-1/2	225
5570/5575/5577, 5590/5595/5597	70	2-1/2	250
5570/5575/5577, 5590/5595/5597	75	2-1/2	275
5570/5575/5577, 5590/5595/5597	80	2-1/2	300
5570/5575/5577, 5590/5595/5597	85	2-1/2	350
5570/5575/5577, 5590/5595/5597	90	2-1/2	400
5570/5575/5577, 5590/5595/5597	95	2-1/2	400

The Models 5550/5555, 5570/5575/5577 valves are intended for use with UL Listed Central or Victaulic rubber gasketed fittings only.

Models 5550/5555, 5570/5575/5577, 5590/5595/5597 straight type pressure reducing valves are available with an optional field supervisory tamper switch for both indoor and outdoor use.

These valves are intended for use on automatic sprinkler systems to reduce the water supply pressure to a pressure at which sprinklers are designed to operate. Also for use as a combination checking device and pressure reducing valve. The 2-1/2 in. size valve is suitable for use as an indicating type valve.

For all of these devices, the manufacturer's installation instructions include a description of the performance characteristics for both flow and static conditions.

Pressure reducing valve, Models 5620/5625/5610 angle type, and Model 5630/5635 globe type, 2-1/2 in. size, for use where working pressure does not exceed 400 psi. This valve is intended for use on automatic sprinkler systems to reduce the water supply pressure to a pressure at which sprinklers are designed to operate and may be used as a floor control valve suitable for indicating service. These valves are adjustable to numerical settings of 60-175 which approximate the outlet pressure under static (non-flowing) conditions only. The Listee's installation

instructions include a description of the performance characteristics of these valves under both static and flowing conditions. Models 5620/5625, 5630/5635 valves are also for use as a combination checking device and pressure reducing valve.

Models 5420, 5427, 5428; and 5410 angle type; and 5430, 5437, 5438 globe type; 2-1/2 in. size, adjustable pressure reducing valves, combining shut-off and pressure regulating features having a rated inlet pressure of 400 psi. These valves are capable of controlling the outlet pressures under both flow and static conditions.

Models 5420, 5427, 5428, 5410, 5430, 5437, and 5438 are factory equipped with an internal supervisory switch suitable for indoor use.

For all of these devices, the manufacturer's installation instructions include a description of the performance characteristics for both flow and static conditions.

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