



Selection of Application, Manifold Size, and Check Valve

Select Type of Application	Select Peak Load (GPM) and Pump Split		
	0-250 Duplex Split	250-500 Triplex Split	500-1000 Triplex Split
Apartments	65-65	20-40-40	20-40-40
Office Buildings	50-50	20-40-40	30-40-40
Schools/HVAC	50-50	25-50-50	25-55-55
Hotels/Motels	50-50	20-40-40	20-40-40
Industrial	65-65	30-40-40	30-40-40
Hospitals	50-50	30-40-40	20-40-40

Note: When periodic Low or No Flow conditions exist, NAMCO recommends adding a bladder-type pressure tank to the station for system shut down. This allows energy efficient operation and financial recovery of the increased initial investment.

Select the Manifold Size for the Maximum GPM at Velocity Shown in 8 Feet/Second			
Without Bladder Tank Adjacent to the System		With Bladder Tank Adjacent to the System	
GPM Max. Flow Per	Manifold Size	GPM Max. Flow Per Pump	Manifold Size
90	2"	73	2"
125	2½"	105	2½"
300	3"	162	3"
350	4"	278	4"

750	6"	630	6"
1300	8"	1200	8"

Select the Proper Size Pressure Reducing and Check Valve	
GPM	Valve Size
75	1½"
150	2"
250	2½"
355	3"
570	4"
1300	6"
<p>Note: Pressure Reducing and Check Valves listed above are sized for a maximum of 5 psig pressure drop at full flow</p>	