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Static or Dynamic Water Pressure

â€œA recent survey of California landscape irrigation contractors found most irrigation connections provide an excessive water pressure with a statewide water pressure mean average of 65 psi.â€ Followed by a chart with static water supply pressure.

Is the 65 psi average representative of static water pressure from the source? Dynamic pressure through the spray head and then nozzle is the driver of nozzle performance, and this statement does not show an average of that dynamic water pressure. With an average of 65 psi static at the source, once the system is activated, pressure lost through the backflow, valve, and pipe may result in optimal pressure at the spray head itself. It is recommended to run rotary nozzles at either 40 psi or 45 psi, which could be achieved with 65 psi at the source depending on the system. More information is needed regarding average dynamic pressures.