

AquaMatic® Easy Nest Kit



The AquaMatic Easy Nest Kit outperforms large multiport valves in many ways: greater application flexibility, improved flow rate performance and significant cost savings. Pentair Water® makes it easy to specify, quote and build a superior system. Our Easy Nest Kits simplify a valve nest down to only two part numbers (valving and stager controller). Now all you need to do is determine the tank size, flow rate and piping size. At the heart of the system is the industry-proven AquaMatic Diaphragm Valve, first introduced over 45 years ago.

Open the door to a whole new spectrum of tank sizes you may have never tried before. AquaMatic Valves and Controls Easy Nest Kits give you opportunities to seek new business that will result in a new level of success.



AquaMatic® Easy Nest Kit



Features and Benefits

- **No-Hassle Selection Documentation** – For specifying, engineering and building the valve nest system.
- **Valve Configurations** – Available in either composite or metal valve configurations.
- **Filter and Softener Configurations Available**
- **Controls** – Electronic or electromechanical controls.
- **Service Flow Rates** – 80 to 1300 gpm (18 to 295 m³/h)* per tank.
- **Tank Size Coverage** – 36- to 120-inches.
- **Backwash Flow Rates** – 35 to 392 gpm (8 to 89 m³/h) for a softener system.* 35 to 1200 gpm (8 to 272 m³/h) for a filter system.*
- **Easy Nest Kits Include** – Diaphragm valves, control, pilot tubing, tubing fittings for the valves, injector (for softener system) and suggested application drawings for assembly of the unit.

*Flow rates shown are valve only, not the completed system.

AquaMatic Easy Nest Kits Include

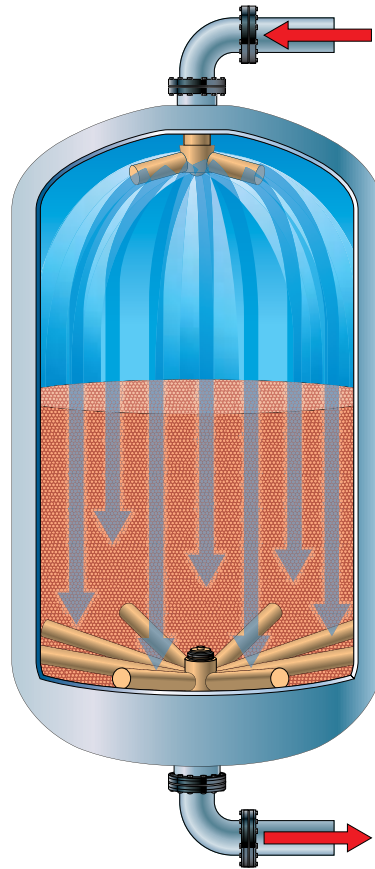
- An entire valve nest simplified down to two part numbers.
- The ability to quickly and easily specify, quote and engineer a complete valve nest system in minutes.
- A competitively priced valve nest system, using simplified and proven configurations of valves and layouts.
- Reduced inventory by not carrying an array of independent valves and controllers in stock.
- Less paperwork and engineering time with each valve nest built.
- Simple valve nest diagrams and suggested assembly drawings available.
- A convenient way to enter into the high-profit market of industrial water treatment systems.
- Over 45 years of AquaMatic Valve Nest reliability.

Virtually Any Application Requiring Softened or Filtered Water

- Food Processing Plants
- Bottling Plants
- Car Washes
- Commercial Food Service
- Hotels
- Schools
- Office Buildings
- And more



Large water treatment systems are designed with a distribution system that incorporates an upper diffuser and lower collector to optimize performance. This type of distribution system uniformly distributes the service flow across a large area, minimizing the potential for water channeling through the media bed.



Operation

Water Distribution – The AquaMatic Easy Nest Kit configuration eliminates the need for a center distributor tube resulting in:

- Improved distribution of service, backwash and regenerant flows.
- Better flow distribution improves system efficiency.
- Lower pressure drops, reduces pumping costs.
- Many available sizes of Easy Nest Kits to meet or match media manufacturers performance requirements.
- Longer media bed life.

Design Benefits

By virtue of their design, AquaMatic Easy Nest Kits simplify service procedures, reducing maintenance costs:

- All AquaMatic valving is mounted away from the tank opening to provide quick access for media servicing.
- AquaMatic Valves are plainly visible and accessible for quick servicing.
- Easy Nest Kits can be serviced without disturbing the piping.
- Easy to identify and service the specific component for repair.
- All AquaMatic Valves operate in the same manner, no need for extensive training programs.
- Control assembly can be remote-mounted for easy access.
- 962 electronic controller assembly allows retrieval of historical data (peak water usage, total water used, daily averages, etc.).

Easy Nest Kits provide a straightforward approach to water treatment, by incorporating the flexible controllers and the robust design of the AquaMatic Valves into a simple and effective valve nest.



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Water**

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1232936 Rev D DE09

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