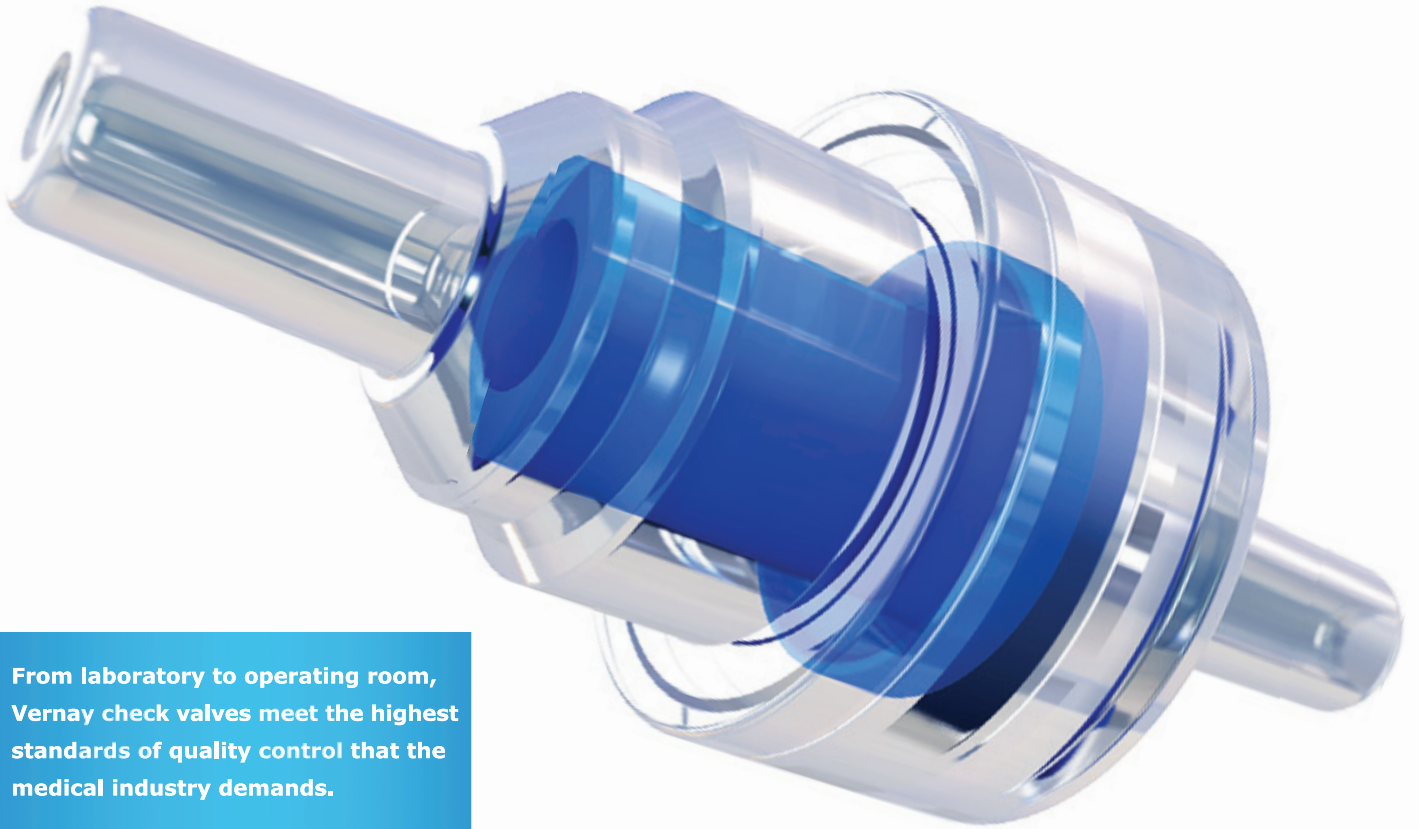


Medical Applications

Introducing
Supravalve MAX[®]
The next generation
of medical check valves

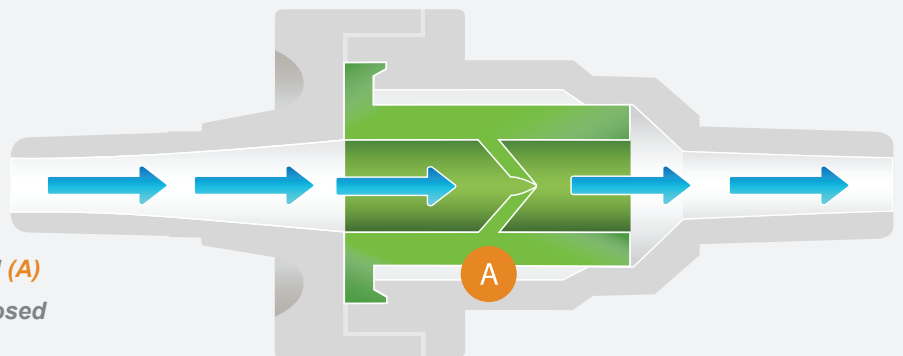




From laboratory to operating room, Vernay check valves meet the highest standards of quality control that the medical industry demands.

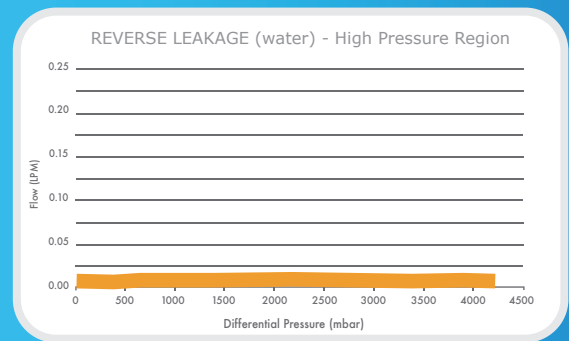
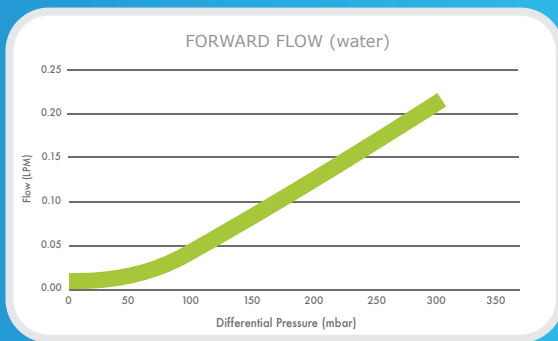
Building on a long history of innovation, Vernay proudly introduces the next generation of medical check valves, the Supravalve MAX®. Incorporating a unique normally closed duckbill valve design, Supravalve MAX® provides maximum reverse leak protection at low opening pressures, while maintaining a consistent, non-tortuous flow path. For over thirty years global medical device manufacturers have trusted Vernay check valves for their most critical flow control applications. Contact Vernay for your next project and let our experience solve your flow control challenges.

How it works



Controlled interaction of the duckbill (A) with the housing keeps the valve closed until forward pressure is applied.

SUPRAVALVE MAX: SETTING THE NEW STANDARD FOR MAXIMUM FLOW CONTROL PERFORMANCE



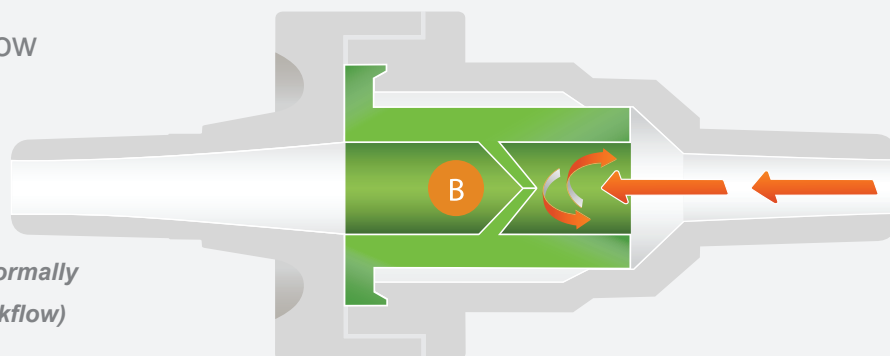
Advanced Technologies

Creating a perfectly designed and functional component requires state-of-the-art simulation and predictive analysis tools. A deep understanding of the relationship between simulated results and actual performance is paramount. Vernay can support you in developing the optimal design and material formulation for your application. FEA, CFD, 3D Sigmasoft® and our proprietary fluid control modeling software are available to explore the characteristics of any geometry, material, and process.

Advanced Processes

From Concept to Launch, Vernay takes responsibility to design your optimal component. From the earliest design concept phase, our engineers evaluate effective processes to improve quality output and create a more reliable supply chain for you. A variety of molding techniques are available: transfer, compression, injection, flashless and LIM. Our processes include the bonding elastomer to plastic or metal, finishing operations, automated in-line testing, and functional component assembly.

How it controls backflow



With the valve designed as normally closed (B), reverse flow (backflow) is prevented.

Global Resources, Local Touch

Vernay is a global company with the ability to serve our customers on any continent. Our local approach provides regional design experts and local project coordination. When global resources are managed efficiently, the time from concept to launch of your product is minimized. Our goal is to provide you service where and when you need it.

Quality Certifications

The Vernay Quality System is based on ISO 9001 Quality System Standards, the Automotive QS-9000, the TS-16949 System Requirements, and ISO 13485. Each Vernay facility has achieved the full degree of certifications. ISO certified locations means consistent quality processes across all sites.

Applications

Blood Handling
Cardiovascular
Drug Delivery
Enteral Feeding
Fluid Delivery

Gastrostomy
Hemo-Dialysis
In Vitro Diagnostics
IV-Therapy
Pharmaceutical

Respiratory
Surgery
Tracheal
Urology
Veterinary
Wound Care

Product Categories

Bi-Directional Valves
Combination Valves
Diaphragms

Duckbill Check Valves
Flow Controls
Medical Assemblies

Molded Strip / Gaskets
Umbrella Check Valves
V-Balls

Global Resources

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