

Press Release

The valves to meet every vacuum need

With a global reach and more than 70 years' experience in developing and supplying valve technology for use in a broad range of industries, Danfoss has successfully expanded its portfolio to be the ideal partner in the growing market for vacuum industry.

The ultimate range

Danfoss' vacuum valve portfolio was created with the collected knowledge of more than 70 years' experience. As a result, each valve has been developed using well-proven and reliable technology which has been verified millions of times in daily use.

In common with all Danfoss valves, the vacuum valve range features a compact, modular body design allowing greater choice and higher flexibility when designing systems. The range of models includes manually, pneumatically and electromagnetically operated valves.

The electromagnetic valves in particular boast some of the lowest energy consumption figures in the industry.

Leading the way with new technology

The valves serve different applications in a wide range of High Vacuum applications, including: thin film coating, semiconductor, industrial vacuum, research and development, universities and synchrotrons.

The growing demand for smaller electronic components for products such as phones, computers and flat-screen TVs is creating an increasing need for even higher specifications from manufacturers. Danfoss is committed to meeting these needs and has introduced a new range of Air Admit/Venting valves to complement its existing range of High Vacuum valves.

Providing combined solutions

Danfoss' ultimate valve technology, combined with Danfoss' pressure and temperature transducers, provide a highly flexible basis for gas supply and media control to the vacuum industry. It complements Danfoss' years of knowledge supplying gas systems for use in the thin film coating and semiconductor industry, as well as for R&D applications.