







Duplex Basket Strainers

Ulbrec duplex basket strainers can be manufactured in aluminium, bronze, stainless steel or cast iron in threaded or flanged style and are designed for maximum flow rate and minimum pressure drop. The Ulbrec strainer design allows for the efficient collection of foreign matter as well as easy removal for cleaning without the use of tools. Ulbrec duplex basket strainers provide changeover from dirty strainer to clean strainer without interrupting the fluid flow and with safe access for basket removal and cleaning. Proven, high integrity, single handle operated Series HP(D) and GT(D) can be applied with in-line and offset connections, providing maximum efficiency in operation and maintenance. Multi-valve duplex (MVD) strainer configurations are suited to larger pipeline applications and where operating protocols are be implemented to assure safe isolation of the strainer to be accessed.

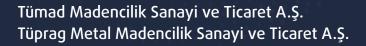
Applications

Ulbrec duplex strainers are used in every industry employing pipelines for gases and liquids where accessing strainers for inspection and cleaning without interrupting fluid flow can provide an advantage. The most common application areas for Ulbrec basket strainers are in the chemical, food, beverages, petrochemical, process and mining industries providing high volume contaminant collection in either suction or pressure applications.















Surface Filtration Technology, Pressure Equipment Design, Materials and Fluid Flow

Ulbrec Engineered Protection solutions benefit from deep application engineering experience and design knowledge. Engineered to order Ulbrec solutions have endured a myriad of challenges including in high temperature, high pressure, cryogenic, high viscosity, highly corrosive, reversing and pulsating flow.

Ulbrec Designs are optimised using Best Available Technology for:

Flow area, distribution and filtration capacity

Guaranteed filtration level

Energy efficiency / low pressure drop / low noise - validated designs and Computational Fluid Dynamics design verification

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Ease of maintenance

Avoidance of resonance - modal analysis

Mechanical integrity - field-validated products, advanced manufacturing methods and Finite Element Analysis design verification





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