

Coalescing Filters

GP-198



Engineering value added solutions to new filtration problems has been a Dollinger® tradition since 1921 when we produced the first air intake filter for farm tractors to protect engines from abrasive dust.

Today, Dollinger systems protect critical air intake, fuel and lubrication systems around the world. With our range of precision-engineered air intakes, fuel/oil filtration packages and oil exhaust eliminators, Dollinger quality and performance helps everyone breathe easier.

Based in Charlotte, North Carolina, SPX Corporation (NYSE: SPW) is a global Fortune 500 multi-industry manufacturing leader with over \$5 billion in annual revenue, operations in more than 35 countries and over 15,000 employees. The company's highly-specialized, engineered products and technologies are concentrated in Flow Technology and energy infrastructure. Many of SPX's innovative solutions are playing a role in helping to meet rising global demand for electricity and processed foods and beverages, particularly in emerging markets. The company's products include food processing systems for the food and beverage industry, power transformers for utility companies, and cooling systems for power plants. For more information, please visit www.spx.com.

Dollinger Coalescing Filters

The Dollinger series GP - 198 coalescing filter is engineered to remove entrained oil, water mist, other liquids and solid particles efficiently from compressed air and other gas streams. When the Dollinger coalescing filter is used within its rated design conditions, an efficiency of 99.9% on 0.3 micron aerosols is achieved.



BESPOKE DESIGN

Dollinger are able to offer bespoke designs for specific applications. For example, in cases of high liquid loading, filters can incorporate various types of pre-separators prior to the gas passing through the elements, thus creating a two stage system within the same housing.

HOUSING DESIGN AND CONSTRUCTION

As standard, the Dollinger GP -198 filter housing is designed and constructed in accordance with the ASME VIII, Division I Pressure Vessel construction code. In addition, Dollinger can also provide full design services to other pressure vessel codes e.g. BS 5500, Stoomwezen, AD Merkblätter, CODAP and AS 1210.

Typical product applications

MATERIALS OF CONSTRUCTION

The standard materials of construction of the Dollinger GP -198 filter are carbon steel or stainless steel. Special requirements for low temperature applications and/or for NACE specifications can also be accommodated.

DOLLINGER COALESCING FILTER ELEMENTS

The Dollinger GP -198 coalescing filter incorporates a unique, highly efficient filter element. The convoluted design provides a much larger surface area than conventional elements which results in low pressure drop, high efficiency, high dirt-holding capacity and extended service life.

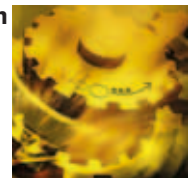


Typically, the Dollinger Coalescing filters are required to meet one or more of the following duties:

Water / oil mist removal from compressed air lines



Oil recovery downstream of rotating machinery



Pre-filter / separator to absorptive air/gas de-hydration systems



Removal of final traces of free liquids from natural gas for the protection of instrumentation, valves, piping etc





Global locations

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SPX reserves the right to incorporate our latest design and material changes without notice or obligation.

Design features, materials of construction and dimensional data, as described in this bulletin, are provided for your information only and should not be relied upon unless confirmed in writing. Please contact your local sales representative for product availability in your region. For more information visit www.dollinger-spx.com and www.spx.com.

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