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The development of drive technology over time has increased the demand for LCL filters, which are an efficient and economical way of ensuring and improving the quality of power fed from the energy source to the grid. Our optimized design makes Trafotek's LCL filters easy to install, use and maintain. The latest production methods and technologies also make them practical and economical in terms of space, time and costs. Trafotek LCL filters are available for a wide power range from 100 up to 2000 A.

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EFFICIENT DIMENSIONING

An optimized footprint and small size make the Trafotek LCL filters an efficient solution regarding space. The filters have been designed to take up the least possible amount of wall-space. They have also been dimensioned to fit perfectly into standard 600 mm deep cabinets. Depending on the power, the size of the filter may be reduced to even fit into 400 or 300 mm wide cabinets.

VERSATILE DESIGN

In addition to the smart dimensioning of the filters, several other design features make Trafotek's LCL filters especially versatile. The customer's connections can be made on any of four sides of the device; front, back or either side.

The airforced cooling system, which eliminates the need for liquid line hookups, also helps make the filters compact. The structure of the LCL filters allows the easy and efficient replacement of components like fans and capacitors without needing to dismantle the entire contents of the cabinet. The cabinets are also fitted with wheels that make installation faster and easier.

PRACTICAL FUNCTIONALITY

The modern production methods used in the manufacturing of our LCL filters make them a practical and efficient solution. Standard models are always kept in stock, making our products the ideal solution for cases where the need for filters is limited.

The durability of these products also means that the overall lifecycle cost for the filters is economical. We can guarantee an operational lifespan of approximately 20 years for our filters. Depending on the end use environments, the fans can be expected to last up to 10 years as well.

AN EFFICIENT AND FUNCTIONAL APPROACH TO BETTER ENERGY.

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APPLICATIONS: Renewable energy, Process industries, Marine and Oil & Gas
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