



Fuel filtration for the D15, D20, D26 and D38 engines from MAN.

For its customer MAN Truck & Bus, Hengst used the Blue.maxx modular system for diesel filtration as the basis for development of a custom solution: the Fuel Service Center (FSC).

The FSC is a five-stage filtration system with lifetime water separation, in which the single stages are optimally integrated in a pre-filter and main filter. The fuel filter system meets the requirements of Common Rail technology and is able to remove finest dirt particles and also water from the fuel. With the respective sensor system (partially optional) and various valve functions, the fuel circuit is monitored and, if required, the flame start system is supplied and the separated water automatically discharged from the collection tank. The special feature of this custom application is the mixing valve. At cold temperatures (during winter operation) warm diesel fuel from the return flow of the common rail system is mixed with cold diesel from the fuel tank. This prevents blockage of the filter insert by paraffin crystals. The system also ensures reliable operation during the transition period from summer to winter. This makes it possible to eliminate the electric heater in the pre-filter for normal use. The FSC will first be installed in MAN's new D15, D20, D26, and D38 engine series.



Aftermarket Filter E464KP02 D418



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