



Keeping things clean

MAN Genuine air dryers and air-dryer cartridges





MAN Genuine air dryers

In a compressed air system the air is delivered and condensed by means of a compressor: this results in the formation of condensed water.

In addition, very small amounts of oil can escape into the compressed air-system. If the humid air and the oil are not removed from the system it can result in:

- Corrosion in the system
- Impaired function
- Reduced service life of the system
- Damage of individual parts through Aerosois
- Increased maintenance costs

To ensure that the compressed air and braking systems of commercial vehicles operate effectively, air dryers are employed. They dehumidify the air, filter out oil particles, prevent corrosion in pipes and cylinders, and in doing so, protect the compressed air system against malfunction and premature wear.

Depending on the delivery volumes and the length of time for which the compressor is switched on, MAN offers single-or dual-chamber air dryers. MAN Genuine air dryers are also available with or without thermostatic heating for the housing. The heating prevents the air-relief valve from freezing at low ambient temperatures, thus ensuring that the dryer functions properly, even in the cold.

MAN Genuine air dryer cartridges

MAN Genuine air-dryer cartridges protect the compressed air system reliably and efficiently.

They ensure long life for the system components and keep service costs down. MAN Genuine air-dryer cartridges provide the right solution for every requirement:

Air-dryer cartridge, standard type

82.52102-0013

These air-dryer cartridges employ desiccant in granulated form to dry the air optimally as it flows through.

Air-dryer cartridge, oil-separating type

81.52108-6025

The cartridge functions by causing the very small oil



droplets to coalesce into fluid. This improves oil separation and extends the service life of the system components. The standard cartridge can be replaced by one of this type.

Air-dryer cartridge, oil-separating type

81.52155-0041

In addition to its coalescent effect, this cartridge is also optimally oil-resistant. This is achieved by separating out the oil before drying the air, which ensures that the compressed air system will be protected even after long and hard operation. The standard cartridge can be replaced by one of this type.

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