The heart of the Haldex air dryer is our interchangeable, high performance Multi-Treatment Cartridge. Haldex is now taking the best drying cartridge in the industry one step further. Introducing the patented Multi-Treatment Cartridge Plus (MTC⁺).

MTC⁺ has a highly effective coalescence filter on the outlet port, which removes the fine oil and hydrocarbon particles from entering your air brake system.

- Removes up to 40% more of the oil and hydrocarbon materials from the air stream than competitive air drying cartridges
- Removes over 99% of contaminants from your air system, effectively eliminating oil while still maintaining its high adsorption capability
- Eliminates oil contaminants from building up in the air system reservoirs, where they can reduce the air reservoir volume
- Ensures adequate air volume is available for your air brake system components downstream

The MTC⁺ uses a multiple-stage cleaning process to deliver the driest cleanest air to your air brake system.

- Reduces chances of oil contaminants migrating to the air valves and other brake components, where they can impede performance

The MTC⁺ reduces air brake system maintenance costs.

- Reduces chances of oil contaminants migrating to the air valves and other brake components, where they can impede performance

The additional oil and water vapor are removed through the second desiccant bed.

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Oil and water droplets are eliminated by the large desiccant in the first bed.

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Solid particles are eliminated by the fine corrosion- and chemical-resistant aluminum mesh.

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Water vapor and any remaining contaminants are treated through the main desiccant bed.

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Ultra-fine particulate oil and hydrocarbons are removed from the air flow through the 9 coalescence filters before entering the air system.

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No hard to remove spin-on cartridges with seized threads.
The MTC+ has greater air drying capacity (SAE J2384) than competitive drying cartridges. This translates into longer in-service hours before servicing. This will help keep overall operational costs down.

The coalescence filters for the MTC+ are on the discharge passageway of the cartridge. They remove the oil particles remaining in the air stream once the air has passed through the desiccant bed of the cartridge. The MTC proved itself in the field as the best air dryer cartridge in the world and with this improvement of the coalescence filter, the best has gotten even better. The MTC+ cartridge will fit directly in the applications of the MTC so there are no modifications to make to the DRYest and PUREst Air Dryers already in operation.

**Standard Service Part Numbers**

- 47178964 Cartridge kit for DRYest
- DQ6050 Cartridge kit for PUREst