



Haldex

**Creating Innovative Solutions
to Ensure Air System Reliability
and Longevity**



The Perfect Combination of Products Resulting in a Superior High Capacity Drying System

A Systematic Approach For Exceptional Air System Protection And Maximum Drying Capacity

With the increased demands on today's air brake system, the use of higher output air compressors are more and more prevalent. This has led to the need for superior high capacity air treatment systems. The solution — Haldex GeminiMDx™.

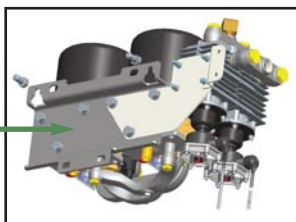
Based on Haldex proven technology – Consep® Condenser/Separator and DRYest® Air Dryer, the GeminiMDx combines two Conseps for pre-treatment and two DRYest air dryers to treat the air. Each Consep and DRYest operate in parallel to clean the high flow air produced by higher output air compressors.



GEMINI^{MDx}™

Pre-Assembled, High Capacity Drying System

- Custom mounting bracket for easy installation/removal.

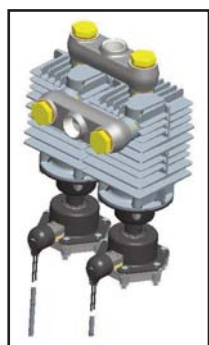


Compact / Lightweight Assembly

- Custom manifolds eliminate the need for fittings and tubes in parallel plumbing of two DRYest or Conseps and allow for maximum use of valuable space.

With Pre-Treatment: 53 Lbs
Width 20" x Height 15" x Depth 12"

Without Pre-Treatment: 38 Lbs
Width 14" x Height 13" x Depth 12"



Pre-Treatment
Dual Consep®

Inlet Port

Drying
Dual DRYest®

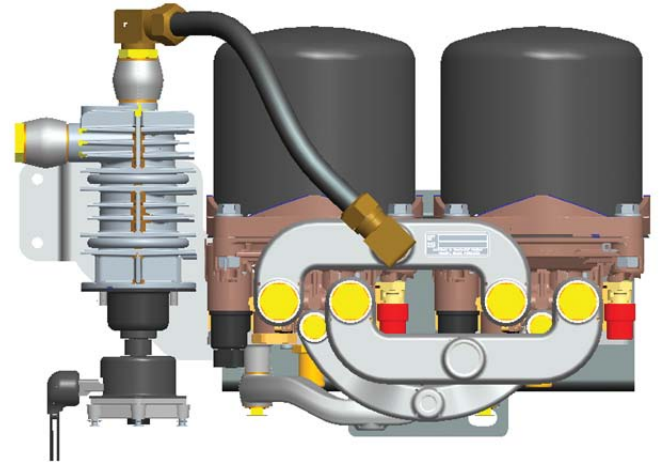
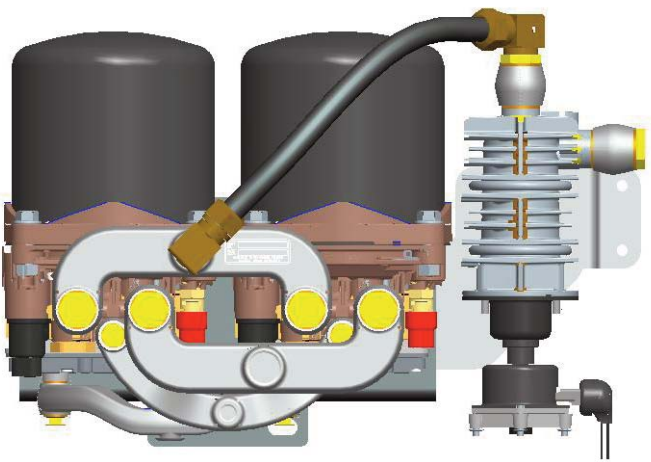
Outlet Port

Purge Tank Port

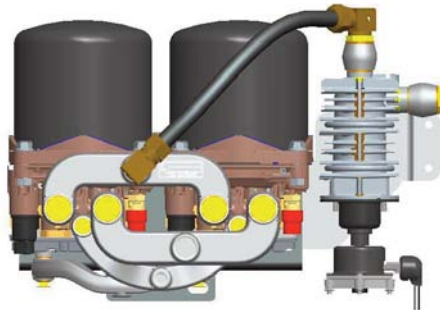
Control Port



Pre-Treatment Position is Interchangeable to Accomodate Your Current Installation



Pre-Treatment and Drying



Pre-Treatment Only



Drying Only



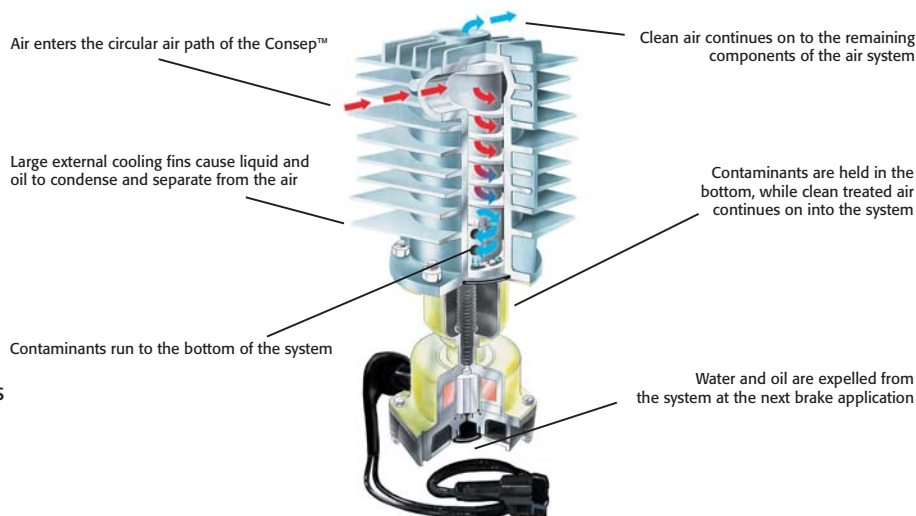
Weight, Lbs	53	11	40
Envelope, Inches	20W x 15H x 12D	6W x 12H x 8D	14W x 13H x 10D
Inlet/Outlet Ports	3/4" -14 NPT	3/4" -14 NPT	3/4" -14 NPT
Control Port	1/4" -18 NPT	n/a	1/4" -18 NPT
Purge Port	1/4" -18 NPT	n/a	1/4" -18 NPT
Max. Working Pressure, PSIG	150	150	150
Safety Valve, PSIG	160	n/a	160
Ambient Temperature, °F	-40 to 176	-40 to 176	-40 to 176
Max. Inlet Air Temp., °F	176	176	176
Recommended Inlet Air Temp., °F	+40 to 150	+40 to 150	+40 to 150
Air Flow Capacity, SCFM	70	70	70
Minimum Purge Volume, in ³	600	n/a	600
Electrical Power		24VDC/1.0A 12VDC/2.0A	(2) Heaters 30VDC/140W
Drain Capacity		2.6CC/Operation	n/a
Drain Options		Swivel Tube, Open	Muffler, Tube

Consep®

The Haldex Consep® efficiently accomplishes three critical functions for air system performance: condensing, separating, and expelling 90% of contaminants. It is ideal for less demanding systems or for high air use vehicles as a pre-treatment before the air dryer where it typically doubles the life of the dryer's desiccant cartridge.

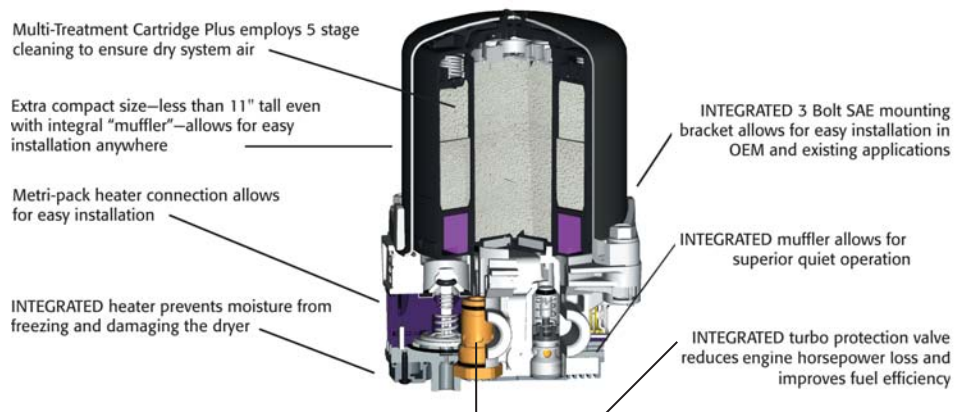
The Consep requires very minimal maintenance over its long service life. It employs a circular air path where the air is cooled, causing the contaminants to fall out. The condensate then runs down to the bottom of the unit where liquids are expelled through the integrated drain valve at the next brake application.

Easy installation and reliable operation make the Consep an ideal solution to ensure air system performance and longevity with minimal costs.



DRYest®

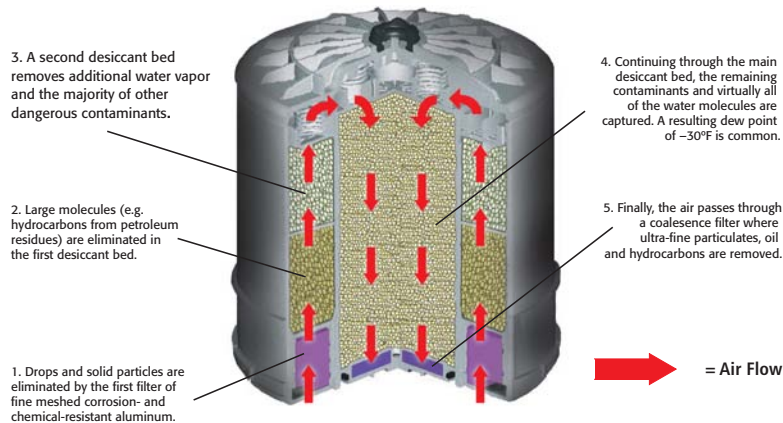
The Haldex DRYest® is designed to provide clean system air with the lowest initial system and lifetime costs. This is accomplished by being the most integrated Air Dryer available. DRYest comes with integrated: turbo protection valve, muffler or drain tube and heater.



MTC+®

Representing the new generation of desiccant cartridge air treatment systems, the patented technology of the Haldex MTC+® (Multi-Treatment Cartridge Plus) is an extremely efficient drying system, removing up to 99% of contaminants in the compressed air system while treating up to 30 CFM. That performance makes it ideal for systems with high air consumption.

The MTC+ provides exceptional airflow while minimizing the risk of getting water or contaminants into the brake system. This in turn reduces opportunities for corrosion and freezing problems, as well as protecting the rubber and plastic components from aggressive, destructive hydrocarbons in the air brake system.



**Contact your local Haldex Sales Professional Today
to learn more about the GeminiMDx™.**



Innovative Vehicle Solutions

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