



# Haldex Air Dryer Application Guide

## L20258 Rev. 2/07

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### Air System Requirements

The air dryer is only as good as the entire air system. In order for the dryer to perform properly, the vehicle's air system must:

- Be equipped with an air compressor capable of maintaining the system pressure (with a maximum duty cycle of 40%)
- Have adequate air reservoir capacity.
- Be free of air leaks.

### Operational Check

To ensure that you have selected the correct Haldex Air Dryer for the application and to verify that it is working properly, the purge time should be 20 to 35 seconds in duration.

### Dryer Purge Time

The time (in seconds) it takes for the air pressure in the dryer purge housing to decrease from 120 psi to 5 psi.

### Compressor Pumping Time

From the time (in seconds) when the compressor / governor cuts in, to the time when the compressor / governor cuts out. To accurately determine compressor pumping time, the vehicle must be in proper working order. If the compressor times are slow, check compressor unloaders, compressor discharge line and look for system leaks.

### Service/Installation Literature

L20401	DRYest Fleet Sheet
L20466	PURest Fleet Sheet
L31166	DRYest Installation & Maintenance
L31170	PURest Installation & Maintenance

### Service Kit Information

DQ6050	MTC Desiccant Kit
47010001	Purge Tank Kit

**For additional information on this or any other Haldex Brake System's product, contact the Technical Services Department at 1-800-643-2374.**

**- See dryer selection chart on reverse side -**

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# Haldex Air Dryer Selection Chart

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All vehicles do not require the same amount of air to operate properly. For example, inner city transit buses use a lot more air than line-haul tractors, due to the fact that they are running in “constant-use” brake application situations. Vehicles that consume high volumes of air may require a large capacity air compressor, as well as a higher capacity air dryer.

Refer to the chart below to determine which Haldex Air Dryer would be best suited for your particular application.

Application Type/Route	Recommended Compressor Capacity (CFM)	Haldex Air Dryer Guideline		
		For Standard Compressor Applications		For Applications With Holset Econ “E” Compressor
		OEM	Aftermarket	Aftermarket
<b>Bulk Fluid / Fuel</b>				
Inner City	16	N4253A*	DA34100*	DA34200*
Over the Road	13	N4253A	DA34100	DA34200
<b>Cement Mixer</b>				
All	16	N4253A	DA34100	DA34200
<b>Dump Body /Construction</b>				
All	16	N4253A	DA34100	DA34200
<b>Long Haul (Over the Road)</b>				
<b>Tractor-Trailer</b>				
Integrated Purge	13	N4253A	DA34100	DA34200
System Purge	13	N4261	DA35200	--
<b>Doubles/Triples</b>				
Integrated Purge	16	N4253A	DA34100	DA34200
System Purge	16	N4261	DA35200	--
<b>Motorcoach</b>				
Integrated Purge	13	N4253A	DA34100	DA34200
System Purge	13	N4261	DA35200	--
<b>School Bus</b>				
Integrated Purge	13	N4253A	DA34100	DA34200
System Purge	13	N4261	DA35200	--
<b>Transit Bus</b>				
Integrated Purge	16	N4253A*	DA34100*	DA34200*
External Purge Volume	16	N4260B*	DA35110	--
System Purge	16	N4261	DA35200	--
<b>Terminal / Yard Jockey</b>				
Integrated Purge	16	N4253A*	DA34100*	DA34200*
<b>Short Haul (P&amp;D)</b>				
<b>Tractor-Trailer</b>				
Integrated Purge	16	N4253A*	DA34100*	DA34200*
<b>Truck</b>				
Integrated Purge	13	N4253A	DA34100	DA34200
System Purge	13	N4261	DA35200	--
<b>Refuse</b>				
<b>Residential</b>				
Integrated Purge	16	N4253A*	DA34100*	DA34200*
<b>Commercial</b>				
Integrated Purge	13	N4253A	DA34100	DA34200
System Purge	13	N4261	DA35200	--

\* Additional Purge Air Kit Required - Part Number 47110001.

Note 1: Air Dryer performance should be checked every three (3) months and serviced accordingly.

Note 2: These are only initial recommendations. System requirements and demands may require deviations from these recommendations based on testing and/or previous experiences.