

# System Saver Series Air Dryers

**SAFETY**



## System Saver Air Dryers

### Latest Design



1200 Plus



1200 Plus

#### Meritor WABCO System Saver Series Air Dryers.

- System Saver 1200 Plus - has an integrated purge volume and integrated governor
- System Saver 1200 - Uses air for regeneration
- System Saver 1200P - Requires separate 300-350 cu. in. purge tank
- System Saver 1800P - Extended 1800cc cartridge has 50% more desiccant. Requires separate 400-450 cu. in. purge tank
- System Saver Twin - Continuous operation by switching between desiccant cartridges

#### Features and Benefits.

- Premium desiccant provides greater water adsorption capability
- Replaceable spin-on cartridge allows for simple maintenance and reduced downtime with less than 5 minutes to replace
- 100 Watt heater available for 12V or 24V applications
- Integrated mounting surface
- Compact, lightweight design allows for easy installation
- Equipped with a pressure relief safety valve
- Optional turbo cut-off valve for boosted compressor applications\* (except Twin)
- Optional silencer helps reduce noise in sensitive urban areas (see photo)
- Optional coalescing spin on cartridge
- Common service components proven for reliability and quality
- Service components are external for easy replacement



Silencer

### System Saver 1200 Plus.

- Purge volume is internal to the air dryer, no need for external purge tanks, and does not use system air for regeneration
- Integral governor simplifies plumbing, reduces overall installed cost, has improved functionality and faster response timing
- Includes two mounting surfaces to accommodate vehicle designs
- Designed to be compatible with latest engines and EPA emission control systems



### System Saver 1200.

- Product functions with normal brake systems and requires no additional reservoirs
- Uses system air for regeneration
- A pressure control check valve is required to use system air for regeneration

### System Saver 1200P.

- Specially designed for use with dedicated purge tank
- Ideal for applications calling for frequent starts and stops and longer compressor cycles

### System Saver 1800P.

- Same as the 1200P model but has larger 1800cc desiccant cartridge with 50% more desiccant

### System Saver Twin.

- Sequential two cartridge system allows one to regenerate while the other continues to dry air
- Designed for compressors that operate almost continuously and for trucks with high air usage accessories such as central tire inflation

## Specifications

SERIES	HEIGHT	WIDTH	PROJECTION FROM FRAME	WEIGHT	EFFICIENCY
SS 1200 Plus	14.7" (373 mm)	9.3" (237.5 mm)	9.3" (237.5 mm)	19.8 lbs.	93%*
SS 1200	11.2" (284 mm)	8.2" (208 mm)	5.7" (145 mm)	11.1 lbs.	84.3%*
SS 1200P	11.2" (284 mm)	8.2" (208 mm)	5.7" (145 mm)	10.4 lbs.	87.6%*
SS 1800P	14.4" (366 mm)	8.2" (208 mm)	5.7" (145 mm)	12.4 lbs.	88.9%*
SS Twin	12.5" (317 mm)	12.8" (325 mm)	6.9" (175 mm)	22 lbs.	N/A*

## Application (number of braked axles including trailers)

SERIES	LINEHAUL	CITY P.U./ DELIVERY	CITY GARBAGE	CEMENT MIXER	DUMP TRUCK	Off-HWY/ CONSTRUCTION	BULK HAULER LOGGING
SS 1200 Plus	2-9 Axles	2-6 Axles	2-6 Axles	2-6 Axles	2-7+ Axles	2-7+ Axles	2-5+ Axles
SS 1200	2-6 Axles	2-6 Axles	-	2-6 Axles	2-6 Axles	2-6 Axles	2-4 Axles
SS 1200P	2-9 Axles	2-6 Axles	2-6 Axles	2-6 Axles	2-7+ Axles	2-7+ Axles	2-5+ Axles
SS 1800P	2-11+ Axles	2-7+ Axles	2-6 Axles	2-6 Axles	2-7+ Axles	2-7+ Axles	2-5+ Axles
SS Twin	2-11+ Axles	2-7+ Axles	2-6 Axles	2-6 Axles	2-7+ Axles	2-7+ Axles	2-5+ Axles

## Overriding Options

SERIES	CENTRAL TIRE INFLATION**	AIR START**	MAX. RATED COMPRESSOR SIZE (CFM)			MAX. COMPRESSOR DUTY CYCLE		
			≤25	>25 ≤35	>25 ≤50	≤30	>30 ≤50	>50 ≤100
SS 1200 Plus	-	OK	OK	OK	-	OK	OK	-
SS 1200	-	-	OK	-	-	OK	-	-
SS 1200P	-	OK	OK	OK	-	OK	OK	-
SS 1800P	OK***	OK	OK	OK	OK	OK	OK	-
SS Twin	OK	OK	OK	OK	OK	OK	OK	OK

\* Per SAE J2384.

\*\* If air for these applications is not dried by the air dryer, then the restriction does not apply.

\*\*\* Three axles maximum.

# MERITOR WABCO

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