

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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