

Electric Air Brake Compressor

Electric air compressors are engineered to work seamlessly with braking systems across various heavy-duty applications. These compressors not only enhance the performance of braking systems but also contribute to the overall safety and reliability of these vehicles. Brogen offers robust solutions for heavy commercial vehicles, including trucks, buses, and trains. One of Brogen's standout innovations is the latest oil-free scroll air compressors.



- Oil-Free Operation
- Low Vibration
- High Efficiency
- Maintenance-Free
- For Hybrid and Pure EV

Oil-free Piston Air Compressor					
Rated Exhaust	Exhaust Pressure	Motor Power	Dimensions	Weight	Application
120 L/min	1/1.2 Mpa	1.5 KW	340x275x275 mm	25/26 kg	buses, light trucks, logistics and other vehicles below 6 meters
160 L/min		1.6/1.8 KW	363x274x281 mm	25.5 kg	
200 L/min	1.2 Mpa	2.2 KW	495x385x355 mm	45 kg	buses, light trucks, logistics and other vehicles 6-9 meters
240 L/min		3 KW	500x285x320 mm	48 kg	
300 L/min		495x385x355 mm	45 kg		
250 L/min	1.0 Mpa	3 KW	435x314x353 mm	37.8/48 kg	4x2, 6x4, 8x4, 10x8, etc., including sanitation trucks, tractors, muck trucks, dump trucks, mining trucks; buses above 6 meters
380 L/min	1.0 Mpa	4 KW	600x355x368 mm	52 kg	
400 L/min	1/1.25 Mpa		446x314x353 mm	42.2 kg	
380 L/min	1.2 Mpa	4 KW	560x335x370 mm	65 kg	buses, light trucks, logistics and other vehicles above 9 meters

For specific product details or OEM solution discussion, kindly reach out to us.

• **Enhanced Safety**

The compressed air produced is entirely free of oil and water, enhancing safety by eliminating concerns related to oil leakage, fire hazards, and maintenance issues.

• **Quieter Operation**

Featuring minimal torque variation and a simple motion structure, the oil-free scroll air compressor operates with low noise and vibration, providing a quieter and more comfortable experience.

• **Compact Design**

With a unique structure that minimizes energy waste and requires fewer components, this compressor boasts high manufacturing precision and extremely low maintenance costs due to the absence of wearing parts.

• **Environmental Resilience**

The compressor operates reliably in extreme temperatures ranging from -40°C to +65°C, demonstrating its adaptability to various environmental conditions.

Oil-free Scroll Air Compressor					
Flow	Pressure	Motor Power	Noise	Environmental Temperature	Application
120 L/min	0.85 Mpa	1.5 KW	72 dB(A)	-40°C~65°C	buses, light trucks, logistics vehicles
220 L/min	1.0 Mpa	2.2 KW			
350 L/min	0.85-1.2 Mpa	4.5 KW	73 dB(A)		
420 L/min	0.85-1.0 Mpa	3.7 KW			
900 L/min	1.0 Mpa	12 KW	78 dB(A)	-40°C~65°C	Metro, freight trains, locomotives, passenger trains, high-speed trains and maglev trains
320 L/min	1.2 Mpa	4.5 KW	75 dB(A)		
300 L/min	1.05 Mpa	3.7 KW	74 dB(A)		

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