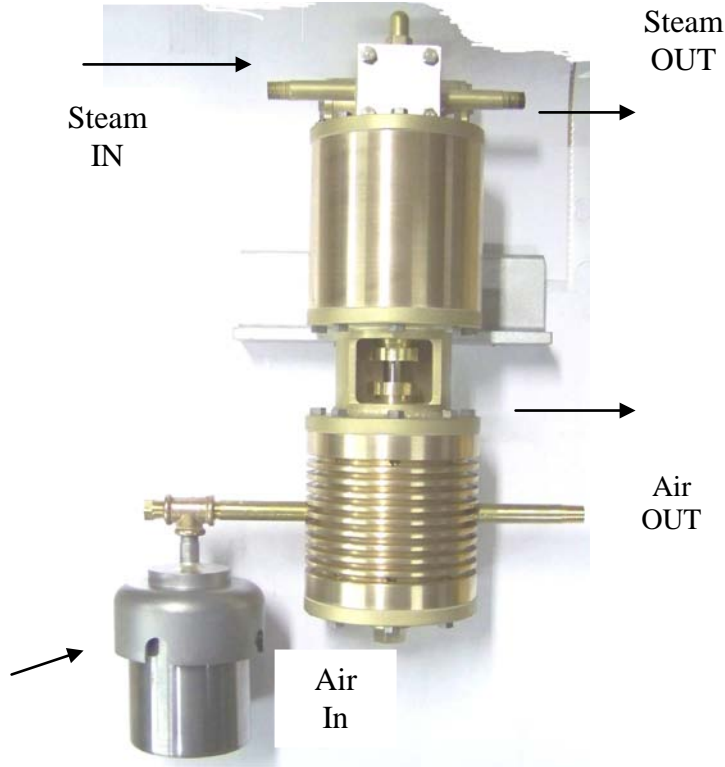
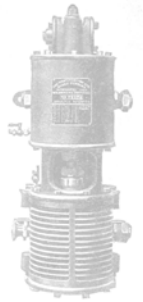
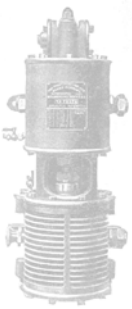


# Single Cylinder Steam Air Compressor

by Keim Steam Pumps

For 2 1/2" Scale Steam Locomotives



Left Side Admission  
Style Shown  
(Engineer Side Mount)

- Proportioned model of a 9 1/2" Westinghouse air compressor.
- Overall height 9 1/2": Maximum body diameter 2 5/8".
- 5/16-27 MTP (1/16-27 NPT) male pipe threads on all connections.
- Working pressure range: 50-120 psi.
- Displaces 17 SCFH at 55 psi and 8.5 SCFH at 90 psi at 120 strokes per minute.
- Steam bore 1 7/8": Air bore 1 5/8": Stroke 1 13/16".
- Lubrication: 600W steam cylinder oil or equivalent.
- One piece shuttle valve design.
- Universal mounting bracket
- Left or Right side admission available

The Westinghouse 9 1/2" air compressor was the first widely used steam driven appliance applied to steam locomotives after the introduction of Westinghouse's air brake system in 1869. After the development of the cross compound air compressor, the single cylinder air compressor was retained on many locomotives, especially those delegated to branch line passenger and freight service. The model pump developed today is a proportioned representation of the 9 1/2" air compressor. This model was designed as a fully functioning air compressor to satisfy the need for a reliable alternative air pressure generating device. This model provides the visual appearance and the rhythmic auditory sensation of a working prototype compressor.

A displacement lubricator is not supplied but is required when plumbing this pump up to a steam line. Operation can be made using compressed air, however, an inline lubrication system is recommended.

Lubrication of the air compressor cylinder can be accomplished by simply unscrewing the plug at the 'Tee' fitting provided. Disassembly of the suction filter is not necessary or required. Use a quality air tool lubricant at the beginning of operation. **Use caution when handling pump immediately after it has operated since it will have become very hot to the touch.**

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