

BULLETIN NO. EP1147

# CLARK COOPER ELECTRO-PHONIC WHISTLES

Established 1914

CLARK COOPER CO  
PALMYRA, N. J.

## ELECTRO-PHONIC AIR SIGNAL

U. S. Patents 1602783 - 1602848

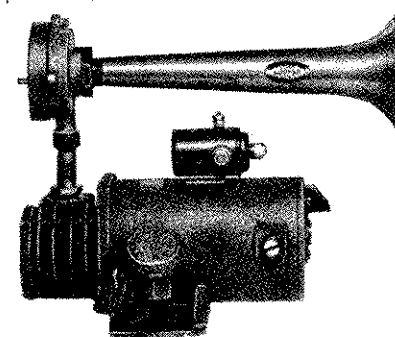


FIG. EP-51F #1-F

**NEW  
IMPROVED**

The CLARK COOPER Co. Electro-Phonic Air Signal is a very powerful electrically controlled alarm. It is operated on compressed air produced by its own built-in air compressor directly driven by high torque motor. This horn does not require the installation of an air compressor, tanks, and valves. It is being used in many places where a powerful alarm signal is required, but where compressed air is not available for the use of our regular high power CLARK COOPER diaphragm air horns. It has all the inherent advantages of the CLARK COOPER standard compressed air whistles, although it produces its own air supply. Aside from the uses listed below, this signal has distinguished itself for emergency stand-by services aboard ship, for fog signaling in place of the regular navigating whistle usually operated from the engine starting air tanks. The starting air can thus be conserved for its regular duty. Where air starting is not used the CLARK COOPER Electro-Phonic Air Signal fills the requirement for a powerful air whistle. This signal is well adapted for use at isolated places where expense of compressor equipment or pipe lines would be objectionable. One or more horn units can be furnished and pointed in various directions to meet varied requirements. Tone combinations can be furnished where desired, and in sizes and power from small size horns audible half mile to several miles. Local conditions govern audible range.

The standard horn produces a medium tone, well suited for general signaling purposes. Clear cut, short and long blasts can be sounded in rapid succession with no change in frequency. Merely press the button and the signal emits its powerful commanding note. Control may be from marine type push button, telephone, code box or similar remote point. Prices include magnetic starting control for 6 - 12 - 24 and 32 volt. They are available for higher voltage if desired at slightly extra cost.

ELECTRO-PHONIC AIR SIGNALS								
Model	Horn Size	Net Wt. Lbs.	6 DC	12 DC	24 DC	32 DC	110 AC-DC	220 AC-DC
EP-SO		13						
EP-SIC	3" x 6 1/2"	23						
EP-SIF	3" x 12"	25						
EP-HIG*	3 1/2" x 15"	32						
EP-D Duplex	3" x 20"	28						
EP2-S2C	4" x 11"	41						
EP2-S2F	4" x 14"	45						
EP2-H20 Duplex	3 1/2" x 15"	50						

\*For additional data regarding horn unit used here see bulletin H82C. This patented design horn unit requires less power per decibel of sound than any other signal device and is the most efficient signal made. It has been in continuous service for past 20 years. Projectors of these horns are interchangeable, therefore various frequencies or chime combinations are available.