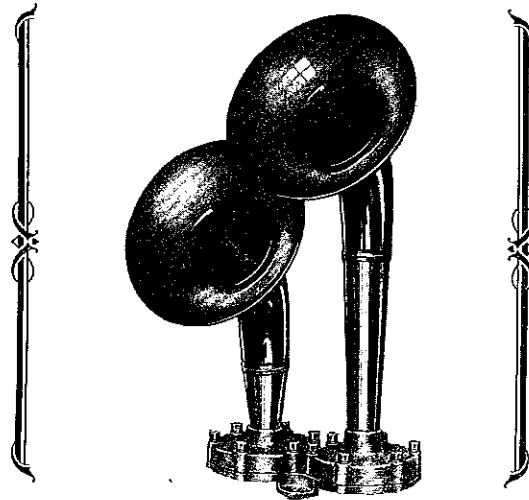


The Pneuphonic Horn



An Alarm Signal for Every Class of Service

Steam and Electric Locomotives . . . Electric Railways . . . Automobiles, Trucks and Buses
Yachts, Tugs and other Water Craft . . . Fire, Lighthouse,
Shore and other Warning Alarms

Important Features of the Pneuphonic Horn

SIMPLICITY . . . *no adjustment*

ECONOMY . . . *low in price . . . low air consumption*

UNLIMITED LIFE . . . *sturdily built . . . unaffected by elements*

AUDIBILITY . . . *it penetrates noises . . . has large warning area*

QUALITY OF SOUND . . . *unmistakable warning . . . distinctive tone demands attention*

Pneuphonic Horn Alarm Signals

THE Pneuphonic Horn is a compressed air alarm signal possessing many features heretofore unobtainable in other types of signals. Its distinct and penetrating tones are an unmistakable warning, audible over a large area. Next to the distinctive feature of tone is the simplicity of the device. The vibrations of a metal diaphragm set up sound waves which are amplified by the bell into an effective warning.

THE double pneuphonic provides a combination of a long and a short bell, blending the two tones into a pleasing chime—a musical harmony that never fails to command at long range without ear splitting annoyance at close range.

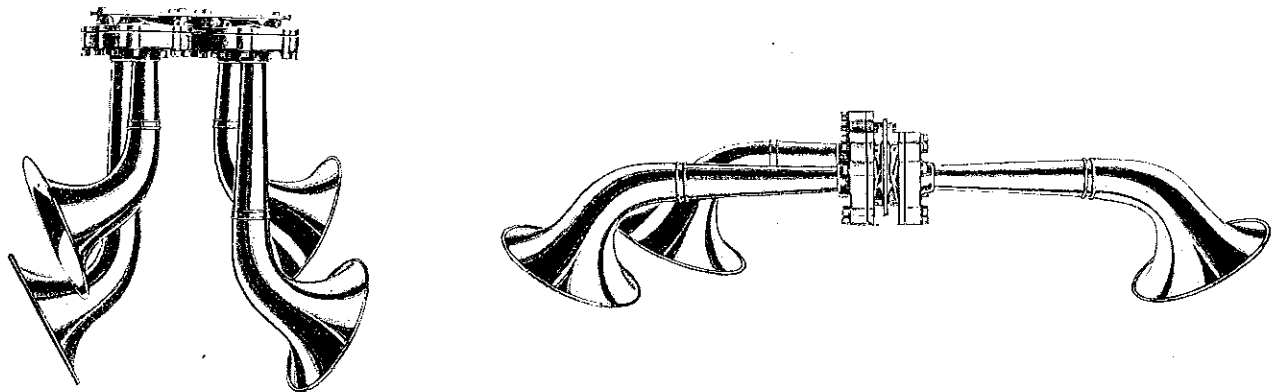
VIBRATING unit is a special bronze diaphragm, counter-balanced by a small weight; diaphragm is the only working part and is of special composition. The substantial housing enclosing the vibrating unit renders the horn weather-proof. All these factors insure a practically unlimited life for the Pneuphonic.

THERE are no adjustments to make—the horn is easily installed, and thereafter requires no attention.

SINGLE Pneuphonics require only a lever valve and cord for operation; a magnet valve and small relay valve are used for electrical operation. Double, three or four set chimes require a small relay valve for either magnet or lever valve operation. Horns can be arranged for double end control, that is, they can be sounded from either operating platform of the vehicle.

AN air strainer is furnished for each installation to protect the vibrating unit from dirt.

Three or Four Bell Pneuphonic Chimes



Illustrated above are two combinations of bells, one of four and the other of three bells. Similar chimes of two, three or more bells can be furnished for installations where directional sounds are desired. Their pleasing tones, audible at great distances, make these chimes particularly suited for fog signals, shore warnings, fire alarms, etc.

Single Bell Pneuphonics



FORM A

For Traction Cars

12" HORN - - Pc. 84086

16" HORN - - Pc. 85002



FORM AC

For Traction or Gas Electric Cars

13" HORN - - Pc. 85474

17" HORN - - Pc. 85404



FORM D

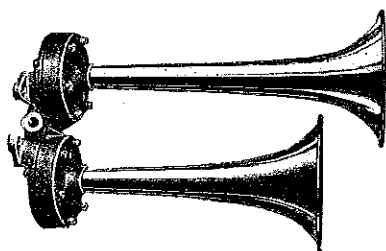
Automotive

16" HORN - - Pc. 85905

NICKEL PLATED - Pc. 85944

Operated from steering wheel post by cord and lever valve, or from foot valve.

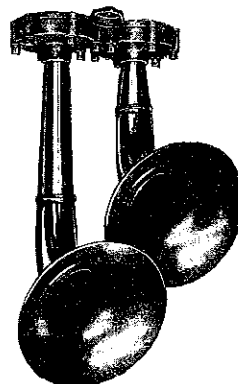
Two Bell Pneuphonics



FORM AA

For Traction or Gas Rail Cars, marine service such as ferrys, tugs, yachts, and other water craft, as well as lighthouse, shore warnings and other alarm purposes.

One 12" and one 16" horn with straight bells mounted on single bracket, Pc. No. 86656.



FORM BBC

For Steam or Electric Locomotives. One 16" and one 23" horn with curved bells mounted on single bracket, Pc. No. 85904.

FORM AAC

For Traction or Gas Rail Car Service. One 13" and one 17" horn with curved bells mounted on single bracket, Pc. No. 86672.

HORNS OPERATE ON A PRESSURE RANGE OF 40 TO 140 POUNDS

Westinghouse Air Brake Company

Pittsburgh, Pa., U. S. A.

WORKS AT WILMERDING, PA.

OFFICES

ATLANTA	Candler Building
BOSTON	Monks Building
CHICAGO	Railway Exchange Building
COLUMBUS	Yuster Building
DENVER	Denver National Bank Building
HOUSTON, TEX.	Bankers Mortgage Building
LOS ANGELES	Pacific Electric Building
MEXICO CITY, MEXICO	4a Puente de Alvarado, No. 100
NEW YORK	150 Broadway
ST. LOUIS	Broadway and Tyler Street
ST. PAUL	Endicott Building
SALT LAKE CITY	McIntyre Building
SAN FRANCISCO	Matson Building
SEATTLE	Securities Building
TOKYO, JAPAN	864 Marunouchi Building, Kojimachi-ku
TOPEKA	Columbian Building
WASHINGTON, D. C.	Munsey Building



ASSOCIATED COMPANIES

WESTINGHOUSE TRACTION BRAKE COMPANY	Pittsburgh, Pa.
THE AMERICAN BRAKE COMPANY	St. Louis, Mo.
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