

# Kahlenberg



# MARINE SOUND SIGNALS

Since 1895



# THE HIGHEST QUALITY IMO CERTIFIED SOUND SIGNALS FOR MARINE VESSELS

## KAHLENBERG SOUND SIGNALS - A SOUND INVESTMENT

Kahlenberg Industries, a manufacturer of marine equipment since 1895, designed and produced its first marine air horn over 80 years ago. Today, the unending commitment to quality continues. Through continuous refinement and the introduction of new models, Kahlenberg Sound Signals have developed a worldwide reputation for their extreme reliability, durable construction, and distinctive sound.

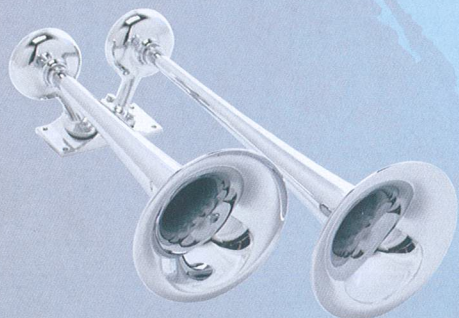
All Kahlenberg marine sound signaling equipment is tested and certified to USCG and IMO performance requirements. Type approvals from various classification societies are available for all models, for all sizes and types of marine vessels.



*Ship's Bell*

### Air Horns for Yachts and Pleasure Craft

Owners, builders, and designers of the finest yachts worldwide insist on Kahlenberg Air Horns because they realize the sound of a vessel can be one of its most impressive aspects. Based on musical instrument design, with a range of horns incorporating up to 8 musical notes in a single assembly, there is simply no substitute for the look or the sound of a Kahlenberg Yacht Horn. Yacht horns are now also offered with optional additional PVD corrosion protection.



*D-0A Air Horn*



*T-2 Air Horn*



*T-3A Air Horn*



*KA-1000 Air Compressor System*



### Air Horns for Commercial and Military Vessels

Kahlenberg air horns and electric horns are developed to withstand the extreme demands of commercial and military service. The durability of Kahlenberg sound signals has been proven over decades of service on ocean-going vessels; an important element in protecting any type of vessel and her crew.



*KM-200-DVM-H Heated Air Horn*



*S-330 Air Horn*



*KB-30A Electronic Horn/Hailer*



*KPH-130 Electric Piston Horn*

### Accessories and Controls

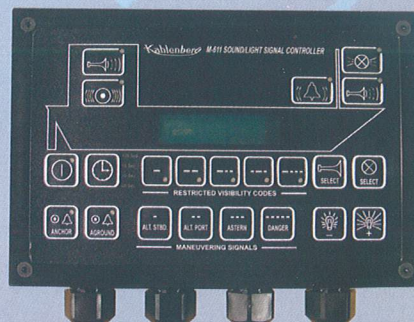
All Kahlenberg Horns and whistles are available as complete systems, supplied with all necessary accessories, manual and electric bells, gongs, air compressors and controls.



*Air/Steam Whistles*



*Morse/Maneuvering Light*



*M-611 Sound and Light Signal Control*



## SELECTION CHART BY VESSEL LENGTH AND APPLICATION

| BY VESSEL LENGTH AND APPLICATION | INPUT           | SERVICE CONDITIONS    | HORN/WHISTLE MODEL   | Pressure Req'd BAR Range* | Auto-Control    |
|----------------------------------|-----------------|-----------------------|----------------------|---------------------------|-----------------|
| Yacht or Comm.< 20 Meters        | AIR             | >32 deg. F/0 deg. C.  | <i>S-0A</i>          | 4-14                      | M-485A          |
| Yacht or Comm.< 20 Meters        | AIR             | >32 deg. F/0 deg. C.  | <i>D-0A</i>          | 4-14                      | M-485A          |
| Yacht or Comm.< 20 Meters        | AIR             | >32 deg. F/0 deg. C.  | <i>T-0A</i>          | 4-14                      | M-485A          |
| Yacht or Comm.< 20 Meters        | <b>ELECTRIC</b> | >-30 deg. F. (-34 C.) | <i>KB-15 (G/W)</i>   | N/A                       | M-485A          |
| Yacht or Comm. 20-75M            | AIR             | >32 deg. F/0 deg. C.  | <i>S-330</i>         | 4-14                      | M-485A OR M-512 |
| Yacht or Comm. 20-75M            | AIR             | >-40 deg. F. (C.)     | <i>S-330-DVM-H</i>   | 4-40                      | M-512           |
| Yacht or Comm. 20-75M            | AIR             | >32 deg. F/0 deg. C.  | <i>D-330</i>         | 4-14                      | M-512           |
| Yacht or Comm. 20-75M            | AIR             | >32 deg. F/0 deg. C.  | <i>D-2</i>           | 7-17                      | M-512           |
| Commercial 20-75M                | AIR             | >32 deg. F/0 deg. C.  | <i>D-2CVL</i>        | 7-17                      | M-512           |
| Yacht 20-75M                     | AIR             | >32 deg. F/0 deg. C.  | <i>T-1</i>           | 7-17                      | M-512           |
| Yacht 20-75M                     | AIR             | >32 deg. F/0 deg. C.  | <i>T-2</i>           | 7-17                      | M-512           |
| Yacht 20-75M                     | AIR             | >32 deg. F/0 deg. C.  | <i>T-3A</i>          | 7-17                      | M-512           |
| Yacht 20-75M                     | AIR             | >32 deg. F/0 deg. C.  | <i>Q-3A</i>          | 7-17                      | M-512           |
| Yacht 20-75M                     | AIR             | >32 deg. F/0 deg. C.  | <i>F-2</i>           | 7-17                      | M-512           |
| Yacht 20-75M                     | AIR             | >32 deg. F/0 deg. C.  | <i>F-3</i>           | 7-17                      | M-512           |
| Yacht 20-75M                     | AIR             | >32 deg. F/0 deg. C.  | <i>KDT-123</i>       | 7-17                      | M-512           |
| Yacht 20-75M                     | AIR             | >32 deg. F/0 deg. C.  | <i>O2M</i>           | 7-10                      | M-512           |
| Yacht or Comm. 20-75M            | <b>ELECTRIC</b> | >-40 deg. F. (C.)     | <i>KB-30A</i>        | N/A                       | M-512           |
| Commercial 20-75M                | <b>ELECTRIC</b> | >-40 deg. F. (C.)     | <i>KB-20 110 VAC</i> | N/A                       | M-522           |
| Commercial 20-75M                | <b>ELECTRIC</b> | >-40 deg. F. (C.)     | <i>KB-20 24 VDC</i>  | N/A                       | M-522           |
| Commercial 75-200M               | AIR             | >32 deg. F/0 deg. C.  | <i>KM-250</i>        | 5-14                      | M-611           |
| Commercial 75-200M               | AIR             | >-40 deg. F. (C.)     | <i>KM-250-DVM-H</i>  | 5-40                      | M-611           |
| Commercial 75-200M               | <b>ELECTRIC</b> | >-40 deg. F. (C.)     | <i>KPH-130C</i>      | N/A                       | M-611           |
| Yacht 75-200M                    | AIR             | >32 deg. F/0 deg. C.  | <i>D-4A</i>          | 7-17                      | M-611           |
| Yacht 75-200M                    | AIR             | >32 deg. F/0 deg. C.  | <i>T-4A</i>          | 7-17                      | M-611           |
| Yacht 75-200M                    | AIR             | >32 deg. F/0 deg. C.  | <i>Q-4</i>           | 7-17                      | M-611           |
| Commercial > 200M                | AIR             | >32 deg. F/0 deg. C.  | <i>KM-110</i>        | 5-14                      | M-611           |
| Commercial > 200M                | AIR             | >32 deg. F/0 deg. C.  | <i>KM-135</i>        | 5-14                      | M-611           |
| Commercial > 200M                | AIR             | >-40 deg. F/-20 (C.)  | <i>KM-110-DVM-H</i>  | 5-40                      | M-611           |
| Commercial > 200M                | AIR             | >-40 deg. F/-20 (C.)  | <i>KM-135-DVM-H</i>  | 5-40                      | M-611           |
| Commercial > 200M                | <b>ELECTRIC</b> | >-40 deg. F. (C.)     | <i>KPH-130C</i>      | N/A                       | M-611           |
| ENGINE ROOM ALARM                | AIR             | >32 deg. F/0 deg. C.  | <i>CA</i>            | 3-10                      |                 |

Technical Data Sheets are available for each product listed including accessories suggested for each horn installation.

\* 1 BAR=14.5 p.s.i.

Note: Larger yacht horns can also be provided in special variations that include electric heating and PVD finishes as options.

Kahlenberg Industries is an ISO-9001 certified manufacturer of sound signaling equipment manufactured specifically for marine, industrial, and mass notification applications.

Kahlenberg products are manufactured in the USA and supported by an extensive global network of distributors and sales representatives.

To see and hear the complete range of Kahlenberg Horns, and to locate your nearest distributor, please visit our website at [www.kahlenberg.com](http://www.kahlenberg.com).



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Kahlenberg Industries, Inc., 1700 12th St., P.O. Box 358, Two Rivers, WI 54241 U.S.A.

Phone: 1-920-793-4507

[www.kahlenberg.com](http://www.kahlenberg.com)

Fax: 1-920-793-1346

