



1074 Kenran Industrial Dr.
 St. Louis, MO 63137
 Phone: 1-800-381-9968

Kahlenberg Air Horns

Commercial and Military AIR HORNS



Kahlenberg Brothers Company possesses a heritage of craftsmanship and manufacturing which spans more than a century. Recognized worldwide for providing the highest quality marine sound signaling equipment, Kahlenberg is certified to the ISO9001:2000 quality management system requirements for the design and manufacture of its products. All Kahlenberg marine sound signals meet or exceed performance standards established by the International Maritime Organization (IMO), (72 COLREGS). ABS type approval certificates and/or additional classification society and government approvals are provided with each shipment.

Continuing to grow, in January 2007, Kahlenberg Brothers Company purchased the Marine and Industrial divisions of Airchime Manufacturing Co., Canada. Since 1929, Airchime air horns, electric horns, and accessories have been well known for their high quality and durability in commercial marine, industrial, and locomotive applications. We are excited to offer a product line even more extensive than ever before incorporating the best of Kahlenberg and Airchime under one roof.



All commercial horn models were developed to withstand the punishment of commercial and military service. Their durability has been demonstrated over decades of service on all sizes and types of ocean-going vessels ranging from shrimp boats to aircraft carriers. Military specifications have required extensive testing for many of these whistles and the accessories supplied with them, proving the exceptional qualities of Kahlenberg design and manufacturing.

CLASS III & IV

Model "S" and Chimetone Air Horns

For vessels less than 75 meters in length, these air horns are the most economical solution for signaling where compressed air is available. Several models are available utilizing multiple projectors or "trumpets" in their design. Made entirely of bronze and brass most models are available with optional heating, combination solenoid/manual operating valves and maneuvering lights.



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CLASS III



KMJ-4-TVE

KMJ Series

KMJ (Plain, TVE and ENC): For vessels less than 75 meters in length, these horns are available in single and dual tone models. Cast in lightweight marine aluminum alloy, they feature excellent corrosion resistance that will give years of trouble-free service. KMJ-TVE units contain enclosed heated air combination valves to protect the unit from freezing and condensation. With KMJ-ENC units the combination manual/solenoid valve and horn sounding body are enclosed in a thermostatically controlled, heated enclosure for absolute protection in extreme arctic conditions.



KMJ-4-ENC



KMJ-4-SC



KMJ-4

KM Series

KM (Plain, TVE and ENC): For vessels over 75 meters in length, Model KM horns utilize a double diaphragm assembly which requires no adjustment over a wide range of air pressures.

The most durable and corrosion resistant construction materials have been used throughout. KM-TVE units include enclosed heated combination valves to protect the unit from freezing and condensation. Designed for the most extreme cold weather applications, the ENC versions of the KM horns enclose the sounding body and combination valve in a heated enclosure to provide superior reliability.

CLASS I & II



KM-250-TVE



KM-165



ENC-135

Kahlenberg Electric Air Horns

CLASS III

Commercial and Military ELECTRIC HORNS

For vessels less than 75 meters in length, the Models KB-20 and KB-30 do not require air or steam piping and are entirely electronic producing horn signals over 130 dB (1/3 Octave Band) at 1 Meter.

The KB-30 adds additional voice amplification capabilities with the included control/microphone unit.

Both horns have heated driver assemblies to prevent condensation and freezing.



Constructed by Krichak Marine



KB-20

KB-30

5

CLASS I & II



KPH-130

For vessels over 75 meters in length, Kahlenberg KPH and EP Triton Piston Horns greatest strengths are their low cost of use, and low cost of installation.

No air or steam piping is required for installation since the unit is entirely electrically operated. Low maintenance is assured by the utilization of an oil-free crankcase and gearbox, steel gears, heated crankcase and self-draining piston assembly.



EP-130



EP-90

Kahlenberg Commercial and Military Accessories

Commercial and Military Accessories

Numerous controls and accessories are available for use with all Kahlenberg Sound Signals.

The WT-25700 Whistle Control is a fully enclosed electronic device that provides for automatic control of the ship's whistle and/or maneuvering light in restricted visibility. Also included is an "At-Will" push button and maneuvering codes. Additional signal controls are available including console and outdoor IP56 push buttons, whistle selector switches, valves and strainers.



25700 Signal Controller



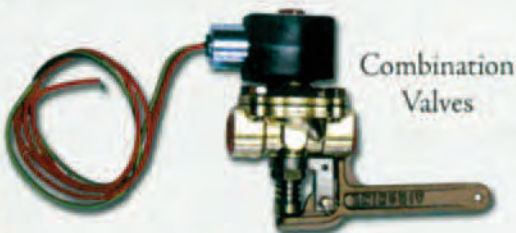
M-511C Signal Controller



14850 Manual
"Whistle" Pull



Bronze Ship Bell



Combination
Valves



Solenoid Valves



M-132

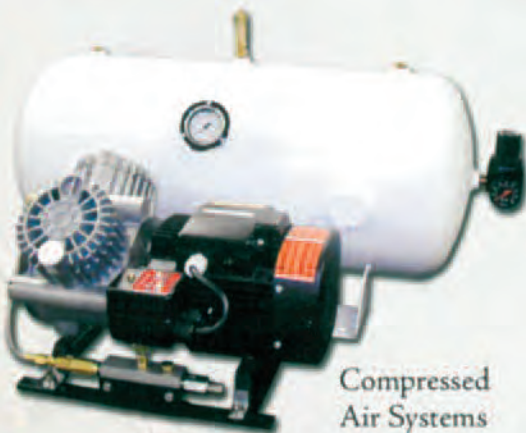
Weatherproof Push Buttons



19220



19215



Compressed
Air Systems



Air/Steam Whistles



Morse Light



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HUMCO SAFETY

Kahlenberg Horns and Accessories

Commercial Marine Horn and Accessory Selection Chart — BY SIZE OF VESSEL —

CERTIFICATION (by vessel length)	Horn Model	Service Conditions	Control	Air Compressor	Solenoid Valve	Combination Valve
CLASS IV AIR HORNS (<20 Meters)	PF-1625	>32 deg F/0 deg C	HAND HELD	NONE	NONE	NONE
	S-0A	>32 deg F/0 deg C	M-485A	P449-3/P449-4	V-69-K	NONE
	D-0A	>32 deg F/0 deg C	M-485A	P449-3/P449-4	V-69-K	NONE
	T-0A	>32 deg F/0 deg C	M-485A	P449-9/P449-10	V-69-K	NONE
CLASS III AIR HORNS (20 to 75 Meters)	KMJ-4	>32 deg F/0 deg C	M-511C	KA500/P449-14	10910-10912, 10946	10995-10998
	KMJ-4-TVE	>-4 deg F/-20 (C)	M-511C	KA500/P449-14	10910-10912, 10946	10995-10998
	S-2	>32 deg F/0 deg C	M-511C	KA500/P449-14	10910-10912, 10946	10995-10998
CLASS III "CHIMETONE" AIR HORNS (20 to 75 Meters)	D-1	>32 deg F/0 deg C	M-511C	KA500/P449-14	10910-10912, 10946	10995-10998
	D-2	>32 deg F/0 deg C	M-511C	KA1000	10910-10912, 10946	10995-10998
	D-2CVL	>32 deg F/0 deg C	M-511C	KA1000	10910-10912, 10946	10995-10998
	T-1	>32 deg F/0 deg C	M-511C	KA1000	10910-10912, 10946	10995-10998
	T-2	>32 deg F/0 deg C	M-511C	KA2000	10910-10912, 10946	10995-10998
	T-3A	>32 deg F/0 deg C	M-511C	KA2000	10910-10912, 10946	10995-10998
	Q-3A	>32 deg F/0 deg C	M-511C	KA4000	10910-10912, 10946	10995-10998
F-3	>32 deg F/0 deg C	M-511C	KA4000	10910-10912, 10946	10995-10998	
CLASS III ELECTRIC HORNS (20 to 75 Meters)	KB-20 110 VAC	>-40 deg F (C)	M-511C 24V	NONE	NONE	NONE
	KB-30	>-40 deg F (C)	M-511D (INCL)	NONE	NONE	NONE
	KB-20 24 VDC	>-40 deg F (C)	M-511C 24V	NONE	NONE	NONE
	**KMJ-4-SC-1.5	>-40 deg F (C)	WT-25700	NONE	NONE	NONE
	**KMJ-4-SC-1.5-230-H	>-40 deg F (C)	WT-25700	NONE	NONE	NONE
**KMJ-4-SC-24-H24	>-40 deg F (C)	WT-25700	NONE	NONE	NONE	
CLASS II AIR HORNS (75 to 200 Meters)	KM-165	>32 deg F/0 deg C	WT-25700	KA4000	10914-10917	18270-18274
	KM-200	>32 deg F/0 deg C	WT-25700	KA4000	10914-10917	18270-18274
	KM-250	>32 deg F/0 deg C	WT-25700	KA4000	10914-10917	18270-18274
	KM-165-TVE	>-4 deg F/-20 (C)	WT-25700	KA4000	N/A	INCLUDED
	KM-200-TVE	>-4 deg F/-20 (C)	WT-25700	KA4000	N/A	INCLUDED
	KM-250-TVE	>-4 deg F/-20 (C)	WT-25700	KA4000	N/A	INCLUDED
	ENC-165	>-40 deg F (C)	WT-25700	KA4000	N/A	INCLUDED
	ENC-200	>-40 deg F (C)	WT-25700	KA4000	N/A	INCLUDED
ENC-250	>-40 deg F (C)	WT-25700	KA4000	N/A	INCLUDED	
CLASS II ELECTRIC (75 to 200 Meters)	EP-130	>-40 deg F (C)	WT-25700	NONE	NONE	NONE
	KPH-130C	>-40 deg F (C)	WT-25700	NONE	NONE	NONE
CLASS I AIR HORNS (>200 Meters)	KM-110	>32 deg F/0 deg C	WT-25700	KA4000	10914-10917	18270-18274
	KM-135	>32 deg F/0 deg C	WT-25700	KA4000	10914-10917	18270-18274
	KM-110-TVE	>-4 deg F/-20 (C)	WT-25700	KA4000	N/A	INCLUDED
	KM-135-TVE	>-4 deg F/-20 (C)	WT-25700	KA4000	N/A	INCLUDED
	ENC-110	>-40 deg F (C)	WT-25700	KA4000	N/A	INCLUDED
ENC-135	>-40 deg F (C)	WT-25700	KA4000	N/A	INCLUDED	
CLASS I ELECTRIC (>200 Meters)	EP-90	>-40 deg F (C)	WT-25700	N/A	N/A	N/A
	KPH-130	>-40 deg F (C)	WT-25700	NONE	NONE	NONE
ENGINE ROOM ALARM	CA	>32 deg F/0 deg C	NONE	N/A	10910-10912, 10946	N/A

**KMJ-4-SC Horns are air driven horns, but require no external compressed air source. Compressor is self contained in horn unit.

Complete technical data can be viewed at www.kahlenberg.com

Kahlenberg

SINCE 1895

A family owned corporation since 1895, Kahlenberg Brothers Company remains committed to serving the marine industry with the highest product and service worldwide.

Hear Kahlenberg horns on the internet at www.kahlenberg.com

