

MODEL K-460 AIR HORN

THE KAHLENBERG K-460 MARINE AIR HORN IS DESIGNED FOR BOATS BETWEEN 25 AND 45 FEET IN LENGTH. AS WITH ALL KAHLENBERG AIR HORNS FOR PLEASURE CRAFT, THE K-460 HAS BEEN DEVELOPED TO MAXIMIZE AUDIBILITY, WHILE PRODUCING A RICHNESS OF TONE BASED ON MUSICAL INSTRUMENT DESIGN.



TECHNICAL DETAILS

Frequency: 460 Hz
S.P.L. Output: 127.4 dB (A) @ 1 Meter
Air Consumption: 0.8 C.F.M.
Operating Pressure: 15 to 150 p.s.i.
Electric Power: 12 Volt D.C. (Compressor)
Material: Spun Brass and Cast Brass
Net Weight: 1.5 lbs.
Finish: Chrome Plate or White Powdercoat Finish
Certification: ABS and NMMA Certified A-23

FEATURES AND BENEFITS OF THE K-460 AIR HORN INCLUDE:

- ✦ Output exceeds other electric or air horns of similar size.
- ✦ Made entirely of brass with bronze diaphragm:
(Function of the horn guaranteed for as long as you own it.)
(Despite its small size, the horn operates on pressures up to 150 p.s.i. for maximum dB output)
- ✦ Extremely low air consumption:
Allows for use of a very small compressor kit and very small air lines. Blast duration is nearly continuous.
- ✦ Easy Installation: Optional compact compressor kit, fittings, and tubing are easily installed.

THE K-460 AIR HORN AND
COMPRESSOR SYSTEM MEET
NMMA/ABYC A-23 STANDARDS

KAHLENBERG INDUSTRIES, INC.
1700 12TH STREET, P.O. Box 358
TWO RIVERS, WI 54241 U.S.A.

WWW.KAHLENBERG.COM



SOUND SIGNALING EQUIPMENT
Accessories - Air Compressors

Model P449-20 Air Compressor Kit

The Kahlenberg P449-20 Compressed Air Kit is a quiet, oil-less compressor solution incorporating a compact, intermittent duty compressor pump, pressure switch, air guage, and all tubing and fittings specifically arranged for marine use.



Technical Details

Voltage: 12 V.D.C.

Max Current: 20A @12 Volts

FAD @ 7 bar: .58 CFM, 16.5 l/min

Max Pressure: 130 p.s.i., 8.9 bar

Weight: 7 lbs., 3 kg, Compressor and Tank

Noise Level: 69 dB(A)@ 1 meter

Duty Cycle: 15% @ 100 p.s.i.

Vibration Isolated: Yes

Wire Size: 14 AWG min.

Features and benefits of the P449-20 include:



Quiet Operation: 69dB(A) @ 1 meter



Oil-less Operation:

Minimizes maintenance by eliminating oil in air lines.



Easy Installation:

Fittings, air tank, and tubing are supplied, as are safety valve and air gauge. All fittings are instant connect. The only wiring required is connection of the compressor assembly to line voltage.

The P449-20 Compressor System provides output sufficient for Kahlenberg Air Horn Models K-460 and K-380

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MODEL K-380 AIR HORN

THE KAHLENBERG K-380 MARINE AIR HORN IS DESIGNED FOR BOATS BETWEEN 25 AND 45 FEET IN LENGTH. AS WITH ALL KAHLENBERG AIR HORNS FOR PLEASURE CRAFT, THE K-380 HAS BEEN DEVELOPED TO MAXIMIZE AUDIBILITY, WHILE PRODUCING A RICHNESS OF TONE BASED ON MUSICAL INSTRUMENT DESIGN.



TECHNICAL DETAILS

Frequency: 385 and 462 Hz
S.P.L. Output: 128.4 dB (A) @ 1 Meter
Air Consumption: 1.6 C.F.M.
Operating Pressure: 15 to 150 p.s.i.
Electric Power: 12 Volt D.C. (Compressor)
Material: Spun Brass and Cast Brass
Net Weight: 3.5 lbs.
Finish: Chrome Plate or White Powdercoat Finish
Certification: ABS, NMMA Certified A-23

FEATURES AND BENEFITS OF THE K-380 AIR HORN INCLUDE:

- ✦ Output exceeds other electric or air horns of similar size.
- ✦ Made entirely of brass with bronze diaphragm:
(Function of the horn guaranteed for as long as you own it.)
(Despite its small size, the horn operates on pressures up to 150 p.s.i. for maximum dB output)
- ✦ Extremely low air consumption:
Allows for use of a very small compressor/tank kit
- ✦ Easy Installation: Optional compact compressor kit, fittings, and tubing are easily installed.

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SOUND SIGNALING EQUIPMENT

Accessories - Air Compressors

Model P449-17/P449-34 Air Compressor System

The Kahlenberg P449-17/P449-34 Compressed Air Systems are quiet, oil-less compressor solutions incorporating a compact, continuous duty compressor pump, pressure switch, air gauge, and all tubing and fittings specifically arranged for marine use.



Technical Details

Voltage: 12 V.D.C. (P449-17)
Voltage: 24 V.D.C. (P449-34)
Max Current: 21A @12 Volts, 12 A @ 24 Volts
FAD @ 7 bar: ..85 CFM, 24 l/min
Max Pressure: 150 p.s.i., 10.31 bar
Weight: 14 lbs. , 6.4 kg, Compressor and Tank
Noise Level: 69 dB(A)@ 1 meter
Thermal Protection: Yes
Duty Cycle: 33%
Vibration Isolated: Yes
Wire Size: 12 AWG min.

Features and benefits of the P449-17 and P449-34 include:

✦ Quiet Operation: 69dB(A) @ 1 meter

✦ Oil-less Operation:

Minimizes maintenance by eliminating oil in air lines.

✦ Easy Installation:

Fittings, air tank, and tubing are supplied, as are safety valve and air gauge. All fittings are instant connect. The only wiring required is connection of the compressor assembly to line voltage.

The P449-17/P449-34 Compressor System provides output sufficient for Kahlenberg Air Horn Models S-0A and D-0A

Kahlenberg Industries, Inc.
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Model KB-15W-BT Electronic Horn/Hailer

The Kahlenberg KB-15W is an Electronic Horn/Hailing system for marine use that produces a horn signal in excess of 120 dB (1/3 Octave Band), and is certified for vessels up to 20 meters in length. In addition, the KB-15W-BT provides voice amplification, and Bluetooth connectivity for mobile devices. With the included Kahlenberg Mobile Application, the library of Kahlenberg Air Horn sounds can be played as well as any other music files.



- **120 decibels of Horn and Hailing Power**
- **Type Approved for Vessels up to 20 Meters in Length**
- **Operates with any Kahlenberg Signal Control Timer for automatic fog signaling or simple push button for horn signal**
- **“Black Box” under console control unit with remote console mount microphone jack included**
- **Multiple Horns can be controlled from single station for hailing and/or horn signal**
- **Bluetooth Connectivity and Kahlenberg Horn Mobile Application**

TECHNICAL DATA

Fundamental Frequency:

698 Hz (Horn Signal)

S.P.L. (1/3 Octave @ 1 Meter): 121 dB

S.P.L. (dB(A)): 121 dB

Electrical Power Required:

12 or 24 Volt D.C., 30 Watts

Ingress Protection: IP67

Material:

Polyamide, Stainless Steel Fasteners and Mounting Bracket

Operating Temperature Range:

-30 deg. F (-34 C)-120 deg. F (49 C.)

Net Weight: 4 lbs., 1.8 kg.

Finishes:

Awlgrip Matterhorn White

Dimensions:

11.25" x 9.3" x 10.6"
(286 x 237 x 269.5mm)

MODEL S-0A AIR HORN

THE KAHLENBERG S-0A MARINE AIR HORN IS IMO CERTIFIED FOR BOATS UP TO 65 FEET (20 METERS) IN LENGTH. AS WITH ALL KAHLENBERG AIR HORNS FOR PLEASURE CRAFT, THE S-0A HAS BEEN DEVELOPED TO MAXIMIZE AUDIBILITY, WITH A RICHNESS OF TONE BASED ON MUSICAL INSTRUMENT DESIGN. CONSTRUCTED ENTIRELY OF BRONZE AND BRASS IT IS BUILT FOR A LIFETIME OF SERVICE.



TECHNICAL DETAILS

Frequency: 322 Hz
S.P.L. Output: 131 dB (A) @ 1 Meter
Air Consumption: 9 C.F.M., 4.2 l/s
Operating Pressure: 50 to 200 p.s.i. (3.5 to 14 bar)
Electric Power: 12 or 24 Volt D.C. (Compressor)
Material: Bronze and Cast Brass
Net Weight: 4.75 lbs., 2.15 kg
Finishes: Kahlenberg Chrome Plate, TGIC Sky White Powdercoat, Gold PVD, Black Chrome PVD
Certification: ABS, NMMA Certified A-23

FEATURES AND BENEFITS OF THE S-0A AIR HORN INCLUDE:

- ✦ Output exceeds other horns of similar size.
- ✦ Made entirely of brass with bronze diaphragm:
(Function of the horn guaranteed for as long as you own it.)
- ✦ Low air consumption:
Allows for use of a very small compressor/tank kit as compared to other air horns.
- ✦ Easy Installation: Compact Compressor Pump, Fittings, and tubing are easily installed when supplied, (see P449-17 and P449-18 Compressor Systems and V-69-K Valve Kit.)

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MODEL D-OA AIR HORN

THE KAHLENBERG D-OA MARINE AIR HORN IS IMO CERTIFIED FOR BOATS UP TO 65 FEET (20 METERS) IN LENGTH. AS WITH ALL KAHLENBERG AIR HORNS FOR PLEASURE CRAFT, THE D-OA HAS BEEN DEVELOPED TO MAXIMIZE AUDIBILITY, WITH A RICHNESS OF TONE BASED ON MUSICAL INSTRUMENT DESIGN. CONSTRUCTED ENTIRELY OF BRONZE AND BRASS IT IS BUILT FOR A LIFETIME OF SERVICE.



TECHNICAL DETAILS

Frequency: 322 & 254 Hz

S.P.L. Output: 133 dB (A) @ 1 Meter

Air Consumption: 17.6 C.F.M., 8.3 l/s

Operating Pressure: 50 to 200 p.s.i. (3.5 to 14 bar)

Electric Power: 12 or 24 Volt D.C. (Compressor)

Material: Bronze and Cast Brass

Net Weight: 9 lbs., 4 kg

Finish: Kahlenberg Chrome Plate Finish,
TGIC Sky White Powdercoat,
Gold or Black Chrome PVD

Certification: ABS, NMMA Certified A-23

FEATURES AND BENEFITS OF THE D-OA AIR HORN INCLUDE:

- ✦ Output exceeds other horns of similar size.
- ✦ Made entirely of brass with bronze diaphragm:
(Function of the horn guaranteed for as long as you own it.)
- ✦ Low air consumption:
Allows for use of a very small compressor/tank kit
as compared to other air horns.
- ✦ Easy Installation: Compact Compressor Pump, Fittings,
and tubing are supplied, (see P449-17 and P449-18
Compressor Systems and V-69-K Valve Kit.)

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MODEL T-0A AIR HORN

THE KAHLENBERG T-0A MARINE AIR HORN IS IMO CERTIFIED FOR BOATS UP TO 65 FEET (20 METERS) IN LENGTH. AS WITH ALL KAHLENBERG AIR HORNS FOR PLEASURE CRAFT, THE T-0A HAS BEEN DEVELOPED TO MAXIMIZE AUDIBILITY, WITH A RICHNESS OF TONE BASED ON MUSICAL INSTRUMENT DESIGN. CONSTRUCTED ENTIRELY OF BRONZE AND BRASS IT IS BUILT FOR A LIFETIME OF SERVICE.



TECHNICAL DETAILS

Frequency: 322, 295, & 254 Hz

S.P.L. Output: 131.2 dB (A) @ 1 Meter

Air Consumption: 21.5 C.F.M., 10 l/s

Operating Pressure: 50 to 200 p.s.i. (3.5 to 14 bar)

Electric Power: 12 or 24 Volt D.C. (Compressor)

Material: Bronze and Cast Brass

Net Weight: 16 lbs., 7.25 kg

Finishes: Kahlenberg Chrome Plate, TGIC Sky White Powdercoat, Unfinished Brass

Certification: ABS, NMMA Certified A-23

FEATURES AND BENEFITS OF THE T-0A AIR HORN INCLUDE:

- ✦ Output exceeds other horns of similar size.
- ✦ Made entirely of brass with bronze diaphragm: (Function of the horn guaranteed for as long as you own it.)
- ✦ Low air consumption: Allows for use of a very small compressor/tank kit as compared to other air horns.
- ✦ Easy Installation: Compact Compressor Pump, Fittings, and tubing are easily installed when supplied, (see P449-23 and P449-24 Compressor Systems and V-69-K Valve Kit.)

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SOUND SIGNALING EQUIPMENT Accessories - Air Compressors

Model P449-23, P449-35 Air Compressor Systems

The Kahlenberg P449-23/P449-35 Compressed Air Systems are quiet, oil-less compressor solutions incorporating a compact, continuous duty compressor pump, pressure switch, air gauge, and all tubing and fittings specifically arranged for marine use.



Technical Details

Voltage: 12 V.D.C. (P449-23)
Voltage: 24 V.D.C. (P449-35)
Max Current: 21A @12 Volts, 12 A @ 24 Volts
FAD @ 7 bar: .85 CFM, 24 l/min
Max Pressure: 150 p.s.i., 10.31 bar
Weight: 20 lbs. , 9 kg, Compressor and Tank
Noise Level: 69 dB(A)@ 1 meter
Thermal Protection: Yes
Duty Cycle: 33%
Vibration Isolated: Yes
Wire Size: 12 AWG min.

Features and benefits of the P449-23 and P449-35 include:

✦ Quiet Operation: 69dB(A) @ 1 meter

✦ Oil-less Operation:

Minimizes maintenance by eliminating oil in air lines.

✦ Easy Installation:

Fittings, air tank, and tubing are supplied, as are safety valve and air gauge. All fittings are instant connect. The only wiring required is connection of the compressor assembly to line voltage.

The P449-23/P449-35 Compressor System provides output sufficient for Kahlenberg Air Horn Models T-0A and S-330

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Model S-330 Air Horn

The Kahlenberg S-330 Air Horn has been designed to minimize air consumption, and maximize sound pressure output, while retaining the superior finish and durable construction Kahlenberg Air Horns are famous for. The S-330 is much lighter, and significantly smaller than other horns of similar output, yet is certified to IMO Requirements for vessels up to 75 Meters in length, and can be powered by extremely small compressed air systems to minimize associated cost and space requirements on board.



- **FOR VESSELS LESS THAN 75 METERS IN LENGTH**
- **MEETS OR EXCEEDS IMO REQUIREMENTS**
- **LOW AIR CONSUMPTION, OPERATES ON A WIDE RANGE OF AIR PRESSURE**
- **HIGHLY RELIABLE, VIRTUALLY NO MAINTENANCE**
- **TGIC SKY WHITE POWDERCOAT FINISH OR CHROME PLATE**

TECHNICAL DATA

Fundamental Frequency: 330 Hz

S.P.L. (1/3 Octave @ 1 Meter): 132 dB

S.P.L. (dB(A)): 136 dB

Air Consumption:

9 C.F.M. @ 100 p.s.i., 4.2 l/s @ 7 bar

Air Pressure Required:

50 to 200 p.s.i., 3.5 to 14 bar
(Higher pressures with optional regulators)

Electrical Power Required:

Any standard A.C. or D.C. Voltage

Material: Cast Bronze and Spun Brass

Net Weight: 4.75 lbs., 2.15 kg.,

Finishes:

TGIC Sky White Powdercoat, Chrome Plate, Gold or Black Chrome PVD

Dimensions:

18.7" x 6.5" x 6.8" (474x165x173)

Model D-330 Air Horn

The Kahlenberg D-330 Air Horn has been designed to minimize air consumption, and maximize sound pressure output, while retaining the superior finish and durable construction Kahlenberg Air Horns are famous for. The D-330 is lighter, and smaller than other horns of similar output, yet is certified to IMO Requirements for vessels up to 75 Meters in length, and can be powered by very small compressed air systems to minimize associated cost and space requirements on board.



- **FOR VESSELS LESS THAN 75 METERS IN LENGTH**
- **MEETS OR EXCEEDS IMO REQUIREMENTS**
- **LOW AIR CONSUMPTION, OPERATES ON A WIDE RANGE OF AIR PRESSURE**
- **HIGHLY RELIABLE, VIRTUALLY NO MAINTENANCE**

TECHNICAL DATA

Fundamental Frequency: 330 & 280 Hz

S.P.L. (1/3 Octave @ 1 Meter): 133 dB

S.P.L. (dB(A)): 136 dB

Air Consumption:

18 C.F.M. @ 100 p.s.i., 8.4 l/s @ 7 bar

Air Pressure Required:

50 to 200 p.s.i., 3.5 to 14 bar
(Higher pressures with optional regulators)

Electrical Power Required:

Any standard A.C. or D.C. Voltage

Material: Cast Bronze and Spun Brass

Net Weight: 9 lbs., 4.3 kg.,

Finishes:

Kahlenberg Chrome Plate, TGIC Sky White Powdercoat, Gold or Black Chrome PVD

Dimensions:

20.5" x 15.5" x 8.5" (524x394x217)

Model KB-30A Electronic Horn/Hailer

The Kahlenberg KB-30A is an Electronic Horn/Hailing system for marine use that produces a horn signal in excess of 130 dB (1/3 Octave Band) as required for vessels up to 75 meters in length, as well as voice amplification and amplification of additional audio sources. The KB-30A System consists of two major components being the horn/driver unit, and control/microphone unit.



- **100 Watts of Horn and Hailing Power**
- **Type Approved for Vessels up to 75 Meters in Length**
- **“Black Box” under console control unit with remote console mount microphone and microphone jack included**
- **Operates with any Kahlenberg Signal Control Timer for Automatic Restricted Visibility and Maneuvering Codes including SOLAS General Alarm Code, or simple push button for Horn Signal**
- **Multiple Horns can be controlled from single station for hailing/talkback and/or horn signal**
- **Full Time Heater included to eliminate moisture and prevent freezing in horn driver unit**
- **Auxiliary Audio Inputs Included**

TECHNICAL DATA

Fundamental Frequency: 695 Hz

S.P.L. (1/3 Octave @ 1 Meter): 133 dB

S.P.L. (dB(A)): 132 dB

Electrical Power Required:

24 Volt D.C., 100 Watts

Ingress Protection: IP66

Material:

All Aluminum Alloy, protected 316
Stainless Steel Fasteners

Operating Temperature Range:

-40 deg. F (-40 C) to 130 deg. F (54 C.)

Net Weight: 13 lbs., 5.9 kg.,

Finishes:

Matterhorn (Sky White) TGIC Powder-
coat

Dimensions:

16.5" x 16.3" x 17.5" (420x414x445)

Model D-2 Yacht Horn

Kahlenberg Chimetone Air Horns all utilize more than one projector or “trumpet” in their design. These projectors each produce a different fundamental frequency which combine to produce powerful, distinctive, musical chords. To hear a Chimetone Air Horn is to realize that the sound of a vessel can be one of its most impressive aspects. The Model D-2 Air Horn is designed for the most discriminating yachtsman. It is made entirely of bronze and brass, and is available in triple chrome plate finish as well as a variety of other optional finishes.



TECHNICAL DATA

Fundamental Frequency: 266, 212 Hz

S.P.L.: (1/3 Octave @ 1 Meter): 132 dB

Air Consumption:

29 C.F.M. @ 100 p.s.i., 8 l/s @ 7 bar

Air Pressure Required:

100 to 250 p.s.i., 7 to 17 bar
(Higher pressures with optional regulators)

Electrical Power Required:

Any standard A.C. or D.C. Voltage

Material: Cast Bronze and Spun Brass

Net Weight: 33 lbs., 15 kg.,
D-2CVL: 44 lbs., 20 kg.

Finish:

Kahlenberg Chrome Plate, TGIC Sky
White Powdercoat, Gold or Black
Chrome PVD

Dimensions:

20.5" x 15.5" x 8.5" (524x394x217)

- **FOR VESSELS LESS THAN 75 METERS IN LENGTH**
- **MEETS OR EXCEEDS IMO REQUIREMENTS**
- **LOW AIR CONSUMPTION, OPERATES ON A WIDE RANGE OF AIR PRESSURE**
- **HIGHLY RELIABLE, VIRTUALLY NO MAINTENANCE**

Model T-1 Yacht Horn

Kahlenberg Chimetone Air Horns all utilize more than one projector or “trumpet” in their design. These projectors each produce a different fundamental frequency which combine to produce powerful, distinctive, musical chords. To hear a Chimetone Air Horn is to realize that the sound of a vessel can be one of its most impressive aspects. The Model T-1 Air Horn is designed for the most discriminating yachtsman. It is made entirely of bronze and brass, and available in triple chrome plate or a variety of other finishes.



- **FOR VESSELS LESS THAN 75 METERS IN LENGTH**
- **MEETS OR EXCEEDS IMO REQUIREMENTS**
- **LOW AIR CONSUMPTION, OPERATES ON A WIDE RANGE OF AIR PRESSURE**
- **HIGHLY RELIABLE, VIRTUALLY NO MAINTENANCE**
- **OPTIONAL DIRECTLY MANIFOLDED MANUAL/SOLENOID VALVES, AIR STRAINER AND MANEUVERING LIGHT**

TECHNICAL DATA

Fundamental Frequency: 375, 322, and 252 Hz

S.P.L. : (1/3 Octave @ 1 Meter): 132 dB

Air Consumption:

35 C.F.M. @ 100 p.s.i., 17 l/s @ 7 bar

Air Pressure Required:

100 to 250 p.s.i., 7 to 17 bar
(Higher pressures with optional regulators)

Electrical Power Required:

Any standard A.C. or D.C. Voltage

Material: Cast Bronze and Spun Brass

Net Weight: 23 lbs., 10 kg.

Finish:

Kahlenberg Chrome Plate, TGIC Sky White Powdercoat, Gold or Black Chrome PVD

Dimensions:

18.5" x 13.75" x 13" (470x349x330)

Model T-2 Yacht Horn

Kahlenberg Chimetone Air Horns all utilize more than one projector or “trumpet” in their design. These projectors each produce a different fundamental frequency which combine to produce powerful, distinctive, musical chords. To hear a Chimetone Air Horn is to realize that the sound of a vessel can be one of its most impressive aspects. The Model T-2 Air Horn is designed for the most discriminating yachtsman. It is made entirely of bronze and brass, and is available in triple chrome plate or a variety of other finishes.



TECHNICAL DATA

Fundamental Frequency: 212, 265, 349 Hz

S.P.L.: (1/3 Octave @ 1 Meter): 131 dB

Air Consumption:
42 C.F.M. @ 100 p.s.i., 20 l/s @ 7 bar

Air Pressure Required:
100 to 250 p.s.i., 7 to 17 bar
(Higher pressures with optional regulators)

Electrical Power Required:
Any standard A.C. or D.C. Voltage

Material: Cast Bronze and Spun Brass

Net Weight: 54 lbs., 24.5 kg.,

Finishes:
Kahlenberg Chrome Plate, TGIC Sky
White Powdercoat, Gold or Black
Chrome PVD

- **FOR VESSELS LESS THAN 75 METERS IN LENGTH**
- **MEETS OR EXCEEDS IMO REQUIREMENTS**
- **OPERATES ON A WIDE RANGE OF AIR PRESSURE**
- **HIGHLY RELIABLE, VIRTUALLY NO MAINTENANCE**
- **OPTIONAL DIRECTLY MANIFOLDED MANUAL/SOLENOID VALVES, AIR STRAINER**

Model T-3A Yacht Horn

Kahlenberg Chimetone Air Horns all utilize more than one projector or “trumpet” in their design. These projectors each produce a different fundamental frequency which combine to produce powerful, distinctive, musical chords. To hear a Chimetone Air Horn is to realize that the sound of a vessel can be one of its most impressive aspects. The Model T-3A Air Horn is designed for the most discriminating yachtsman. It is made entirely of bronze and brass, and is available in triple chrome plate or a variety of other finishes.



- **FOR VESSELS LESS THAN 75 METERS IN LENGTH**
- **MEETS OR EXCEEDS IMO REQUIREMENTS**
- **LOW AIR CONSUMPTION, OPERATES ON A WIDE RANGE OF AIR PRESSURE**
- **HIGHLY RELIABLE, VIRTUALLY NO MAINTENANCE**
- **OPTIONAL DIRECTLY MANIFOLDED MANUAL/SOLENOID VALVES, AIR STRAINER**

TECHNICAL DATA

Fundamental Frequency: 311, 261, and 208 Hz
S.P.L. : (1/3 Octave @ 1 Meter): 135 dB

Air Consumption:
52 C.F.M. @ 100 p.s.i., 25 l/s @ 7 bar

Air Pressure Required:
100 to 250 p.s.i., 7 to 17 bar
(Higher pressures with optional regulators)

Electrical Power Required:
Any standard A.C. or D.C. Voltage

Material: Cast Bronze and Spun Brass

Net Weight: 75 lbs., 34 kg.

Finishes:
Kahlenberg Chrome Plate, TGIC Sky White Powdercoat, Gold or Black Chrome PVD

Dimensions:
21.25" x 18.5" x 19" (540x470x483)
(dimensions without optional light)

Model Q-3A Yacht Horn

Kahlenberg Chimetone Air Horns all utilize more than one projector or “trumpet” in their design. These projectors each produce a different fundamental frequency which combine to produce powerful, distinctive, musical chords. To hear a Chimetone Air Horn is to realize that the sound of a vessel can be one of its most impressive aspects. The Model Q-3A Air Horn is designed for the most discriminating yachtsman. It is made entirely of bronze and brass, and is available in triple chrome plate or a variety of other finishes.



- **FOR VESSELS LESS THAN 75 METERS IN LENGTH**
- **MEETS OR EXCEEDS IMO REQUIREMENTS**
- **LOW AIR CONSUMPTION, OPERATES ON A WIDE RANGE OF AIR PRESSURE**
- **HIGHLY RELIABLE, VIRTUALLY NO MAINTENANCE**
- **OPTIONAL DIRECTLY MANIFOLDED MANUAL/SOLENOID VALVES, AIR STRAINER AND MANEUVERING LIGHT**

TECHNICAL DATA

Fundamental Frequency: 311, 283, 247, and 174 Hz

S.P.L. : (1/3 Octave @ 1 Meter): 136 dB

Air Consumption:

64 C.F.M. @ 100 p.s.i., 30 l/s @ 7 bar

Air Pressure Required:

100 to 250 p.s.i., 7 to 17 bar
(Higher pressures with optional regulators)

Electrical Power Required:

Any standard A.C. or D.C. Voltage

Material: Cast Bronze and Spun Brass

Net Weight: 100 lbs., 45 kg.

Finish:

Kahlenberg Chrome Plate, TGIC Sky White Powdercoat, Gold or Black Chrome PVD

Dimensions:

24.5" x 16.5" x 20.25" (622x419x514)
(dimensions without optional light)

Model F-2 Yacht Horn

Kahlenberg Chimetone Air Horns all utilize more than one projector or “trumpet” in their design. These projectors each produce a different fundamental frequency which combine to produce powerful, distinctive, musical chords. To hear a Chimetone Air Horn is to realize that the sound of a vessel can be one of its most impressive aspects. The Model F-2 Air Horn is designed for the most discriminating yachtsman. It is made entirely of bronze and brass, and is available in triple chrome plate, or a variety of other optional finishes.



TECHNICAL DATA

Fundamental Frequency: 349, 311, 261, 220, 174 Hz

S.P.L.: (1/3 Octave @ 1 Meter): 132 dB

Air Consumption:
65 C.F.M. @ 100 p.s.i., 31 l/s @ 7 bar

Air Pressure Required:
100 to 250 p.s.i., 7 to 17 bar
(Higher pressures with optional regulators)

Electrical Power Required:
Any standard A.C. or D.C. Voltage

Material: Cast Bronze and Spun Brass

Net Weight: 100lbs., 45 kg.,

Finishes:
Kahlenberg Chrome Plate, TGIC Sky White Powdercoat, Gold or Black Chrome PVD

Dimensions:
28.52" x 34.6" x 13" (723 x 879 x 33)

- **FOR VESSELS LESS THAN 75 METERS IN LENGTH**
- **MEETS OR EXCEEDS IMO REQUIREMENTS**
- **OPERATES ON A WIDE RANGE OF AIR PRESSURE**
- **HIGHLY RELIABLE, VIRTUALLY NO MAINTENANCE**
- **OPTIONAL DIRECTLY MANIFOLDED MANUAL/SOLENOID VALVES, AIR STRAINER**

Model F-3 Yacht Horn

Kahlenberg Chimetone Air Horns all utilize more than one projector or "trumpet" in their design. These projectors each produce a different fundamental frequency which combine to produce powerful, distinctive, musical chords. To hear a Chimetone Air Horn is to realize that the sound of a vessel can be one of its most impressive aspects. The Model F-3 Air Horn is designed for the most discriminating yachtsman. It is made entirely of bronze and brass, and is available in triple chrome plate or a variety of other optional finishes.



- **FOR VESSELS LESS THAN 75 METERS IN LENGTH**
- **MEETS OR EXCEEDS IMO REQUIREMENTS**
- **LOW AIR CONSUMPTION, OPERATES ON A WIDE RANGE OF AIR PRESSURE**
- **HIGHLY RELIABLE, VIRTUALLY NO MAINTENANCE**
- **OPTIONAL DIRECTLY MANIFOLDED MANUAL/SOLENOID VALVES, AIR STRAINER**

TECHNICAL DATA

Fundamental Frequency: 283, 247, 208, 174, and 142 Hz

S.P.L.: (1/3 Octave @ 1 Meter): 136 dB

Air Consumption:
84C.F.M. @ 100 p.s.i., 39.6 l/s @ 7 bar

Air Pressure Required:
100 to 250 p.s.i., 7 to 17 bar
(Higher pressures with optional regulators)

Electrical Power Required:
Any standard A.C. or D.C. Voltage

Material: Cast Bronze and Spun Brass

Net Weight: 114 lbs., 52 kg.

Finishes:
Kahlenberg Chrome Plate, TGIC Sky White Powdercoat, Gold or Black Chrome PVD

Dimensions:
30" x 26.5" x 25.75" (762x673x654)
(dimensions without optional light)

Model KDT-123 Yacht Horn

Kahlenberg Chimetone Air Horns all utilize more than one projector or “trumpet” in their design. These projectors each produce a different fundamental frequency which combine to produce powerful, distinctive, musical chords. To hear a Chimetone Air Horn is to realize that the sound of a vessel can be one of its most impressive aspects. The Model KDT-123 Air Horn is designed for the most discriminating yachtsman. It is made entirely of bronze and brass, and is available in triple chrome plate or a variety of other optional finishes.



TECHNICAL DATA

Fundamental Frequencies: 142 to 416 Hz
S.P.L. (1/3 Octave @ 1 Meter): 134 dB

Air Consumption:

91 C.F.M. @ 100 p.s.i., 43 l/s @ 10 bar

Air Pressure Required:

100 to 250 p.s.i., 7 to 17 bar
(Higher pressures with optional regulators)

Electrical Power Required:

Any standard A.C. or D.C. Voltage

Material: Cast Bronze, Spun Brass

Net Weight: 110 lbs., 50 kg.

Finish:

Kahlenberg Chrome Plate, TGIC Sky White Powdercoat, Gold or Black Chrome PVD

Dimensions:

30.75" x 28" x 21.5" (781x711x546)
(dimensions without optional light)

- **REQUIRES NO TUNING OR ADJUSTMENT FOR PRESSURES UP TO 250 P.S.I.**
- **BRONZE AND SPUN BRASS, TRIPLE CHROME PLATED OR WHITE POWDERCOAT**
- **HIGHLY RELIABLE, SIMPLE MECHANICAL DESIGN**
- **MEETS OR EXCEEDS IMO/SOLAS REQUIREMENTS**

Model O2M Musical Yacht Horn

Kahlenberg Model O2M is an eight trumpet musical air horn for megayachts and cruise vessels. Playable at the touch of a button from the vessel's main console, the O2M Musical Air Horn is supplied with a variety of pre-programmed songs. Additional songs can be added using an electronic keyboard. The model O2M Air Horn is offered in the configuration shown or in a "Low-Profile" design.



TECHNICAL DATA

Fundamental Frequencies: 196 to 392 Hz

S.P.L. (1/3 Octave @ 1 Meter): 132 dB

Air Consumption:

Appx. 14 C.F.M. @ 100 p.s.i., 7 l/s @ 7 bar

Air Pressure Required:

100 to 150 p.s.i., 7 to 10 bar
(Higher pressures with optional regulators)

Electrical Power Required:

A.C. or D.C. Voltage

Material: Cast Bronze, Spun Brass

Net Weight: 125 lbs., 57 kg.

Finishes:

Kahlenberg Chrome Plate, TGIC Sky White Powdercoat, Gold or Black Chrome PVD

Dimensions:

26.5" x 29.75" x 24.5" (673x756x622)
(dimensions without optional light)

- **BRONZE AND SPUN BRASS, TRIPLE CHROME PLATED, (other finishes available)**
- **PRE-PROGRAMMED SONGS PROVIDED**
- **EASY PROGRAMMING WITH EXTERNAL KEYBOARD**
- **MEETS OR EXCEEDS IMO/SOLAS REQUIREMENTS**
- **ONE OF A KIND SOUND FOR THE MOST EXCEPTIONAL YACHTS**

Model D-4A Yacht Horn

Kahlenberg Chimetone Air Horns all utilize more than one projector or “trumpet” in their design. These projectors each produce a different fundamental frequency which combine to produce powerful, distinctive, musical chords. To hear a Chimetone Air Horn is to realize that the sound of a vessel can be one of its most impressive aspects. The Model D-4A Air Horn is designed for the largest yachts over 75 meters in length. It is made entirely of bronze and brass, and is available in triple chrome plate finish as well as a variety of other optional finishes.

TECHNICAL DATA

Fundamental Frequency: 171, 220 Hz

S.P.L. : (1/3 Octave @ 1 Meter): 138 dB

Air Consumption:

116 C.F.M. @ 150 p.s.i., 55 l/s @ 10 bar

Air Pressure Required:

100 to 250 p.s.i., 7 to 17 bar
(Higher pressures with optional regulators)

Electrical Power Required:

Any standard A.C. or D.C. Voltage

Material: Cast Bronze and Naval Brass

Net Weight: 145 lbs., 65 kg.,

Finish:

Kahlenberg Chrome Plate, TGIC Sky
White Powdercoat, Gold or Black
Chrome PVD, Chrome Nitride

Dimensions:

25" x 24" x 13" (635x612x330mm)



- **FOR VESSELS 75 TO 200 METERS IN LENGTH**
- **MEETS OR EXCEEDS IMO REQUIREMENTS**
- **THE BEST SOUND IN A WIDE VARIETY OF FINISHES**
- **HIGHLY RELIABLE**

Model T-4A Yacht Horn

Kahlenberg Chimetone Air Horns all utilize more than one projector or “trumpet” in their design. These projectors each produce a different fundamental frequency which combine to produce powerful, distinctive, musical chords. To hear a Chimetone Air Horn is to realize that the sound of a vessel can be one of its most impressive aspects. The Model T-4A Air Horn is designed for the largest yachts over 75 meters in length. It is made entirely of bronze and brass, and is available in triple chrome plate finish as well as a variety of other optional finishes.



- **FOR VESSELS 75 TO 200 METERS IN LENGTH**
- **MEETS OR EXCEEDS IMO REQUIREMENTS**
- **THE BEST SOUND IN A WIDE VARIETY OF FINISHES**
- **HIGHLY RELIABLE**

TECHNICAL DATA

Fundamental Frequency: 134,171, 220 Hz

S.P.L. : (1/3 Octave @ 1 Meter): 141 dB

Air Consumption:

192 C.F.M. @ 150 p.s.i., 91 l/s @ 10 bar

Air Pressure Required:

100 to 250 p.s.i., 7 to 17 bar
(Higher pressures with optional regulators)

Electrical Power Required:

Any standard A.C. or D.C. Voltage

Material: Cast Bronze and Naval Brass

Net Weight: 185 lbs., 84 kg.,

Finish:

Kahlenberg Chrome Plate, TGIC Sky White Powdercoat, Gold or Black Chrome PVD, Chrome Nitride

Dimensions:

30" x 24" x 22" (940x613x568mm)