



YACHT HORNS



MODEL D-1 YACHT HORN



Code	Fundamental Frequency	Air Consumption				Air Pressure Required		Electrical Power Required	Material	Net Weight		Finish	Dimensions
		C.F.M.	p.s.i.	l/s	bar	p.s.i.	bar			lbs	kg		
MM KAH D-1	252 and 322 Hz S.P.L. : (1/3 Octave @ 1 Meter): 134 dB	26	100	8	7	100 to 250	7 to 17*	Any standard A.C. or D.C. Voltage	Cast Bronze and Spun Brass	17	8	White Powdercoat or Chrome Plate	19" x 13" x 6.5" (482x330x165)

*Higher pressures with optional regulators



MODEL D-2 YACHT HORN



Code	Fundamental Frequency	Air Consumption				Air Pressure Required		Electrical Power Required	Material	Net Weight		Finish	Dimensions
		C.F.M.	p.s.i.	l/s	bar	p.s.i.	bar			lbs	kg		
MM KAH D-2	266 and 212 Hz S.P.L. : (1/3 Octave @ 1 Meter): 132 dB	29	100	8	7	100 to 250	7 to 17*	Any standard A.C. or D.C. Voltage	Cast Bronze and Spun Brass	33**	15**	White Powdercoat or Chrome Plate	20.5" x 15.5" x 8.5" (524x394x217)

*Higher pressures with optional regulators

**D-2CVL: 44 lbs., 20 kg.

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MODEL T-1 YACHT HORN



Code	Fundamental Frequency	Air Consumption				Air Pressure Required		Electrical Power Required	Material	Net Weight		Finish	Dimensions
		C.F.M.	p.s.i.	l/s	bar	p.s.i.	bar			lbs	kg		
MM KAH T-1	375, 322, and 252 Hz S.P.L. : (1/3 Octave @ 1 Meter): 132 dB	35	100	17	7	100 to 250	7 to 17*	Any standard A.C. or D.C. Voltage	Cast Bronze and Spun Brass	23	10	White Powdercoat or Chrome Plate	18.5" x 13.75" x 13" (470x349x330)

*Higher pressures with optional regulators



MODEL T-2 YACHT HORN



Code	Fundamental Frequency	Air Consumption				Air Pressure Required		Electrical Power Required	Material	Net Weight		Finish
		C.F.M.	p.s.i.	l/s	bar	p.s.i.	bar			lbs	kg	
MM KAH T-2	208, 261, 311 Hz S.P.L. : (1/3 Octave @ 1 Meter): 135 dB	56	100	27	7	100 to 250	7 to 17*	Any standard A.C. or D.C. Voltage	Cast Bronze and Spun Brass	75	34	White Powdercoat or Chrome Plate

*Higher pressures with optional regulators



MODEL T-3A YACHT HORN



Shown w/optional M-300 Light

Code	Fundamental Frequency	Air Consumption				Air Pressure Required		Electrical Power Required	Material	Net Weight		Finish	Dimensions
		C.F.M.	p.s.i.	l/s	bar	p.s.i.	bar			lbs	kg		
MM KAH T-3A	311, 261, and 208 Hz S.P.L. : (1/3 Octave @ 1 Meter): 135 dB	52	100	25	7	100 to 250	7 to 17*	Any standard A.C. or D.C. Voltage	Cast Bronze and Spun Brass	75	34	White Powdercoat or Chrome Plate	21.25" x 18.5" x 19" (540x470x483) (dimensions without optional light)

*Higher pressures with optional regulators



MODEL Q-3A YACHT HORN



Code	Fundamental Frequency	Air Consumption				Air Pressure Required		Electrical Power Required	Material	Net Weight		Finish	Dimensions
		C.F.M.	p.s.i.	l/s	bar	p.s.i.	bar			lbs	kg		
MM KAH Q-3A	311, 283, 247, and 174 Hz S.P.L. : (1/3 Octave @ 1 Meter): 136 dB	64	100	30	7	100 to 250	7 to 17*	Any standard A.C. or D.C. Voltage	Cast Bronze and Spun Brass	100	45	White Powdercoat or Chrome Plate	24.5" x 16.5" x 20.25" (622x419x514) (dimensions without optional light)

*Higher pressures with optional regulators



MODEL F-2 YACHT HORN



Code	Fundamental Frequency	Air Consumption				Air Pressure Required		Electrical Power Required	Material	Net Weight		Finish	Dimensions
		C.F.M.	p.s.i.	l/s	bar	p.s.i.	bar			lbs	kg		
MM KAH F-2	349, 311, 261, 220, 174 Hz S.P.L. : (1/3 Octave @ 1 Meter): 132 dB	65	100	8	7	100 to 250	7 to 17*	Any standard A.C. or D.C. Voltage	Cast Bronze and Spun Brass	100	45	White Powdercoat or Chrome Plate	28.52" x 34.6" x 13" (723 x 879 x 33)

*Higher pressures with optional regulators



MODEL F-3 YACHT HORN



Shown w/optional M-300 Light

Code	Fundamental Frequency	Air Consumption				Air Pressure Required		Electrical Power Required	Material	Net Weight		Finish	Dimensions
		C.F.M.	p.s.i.	l/s	bar	p.s.i.	bar			lbs	kg		
MM KAH F-3	283, 247, 208, 174, and 142 Hz S.P.L. : (1/3 Octave @ 1 Meter): 136 dB	84	100	39	7	100 to 250	7 to 17*	Any standard A.C. or D.C. Voltage	Cast Bronze and Spun Brass	114	52	White Powdercoat or Chrome Plate	30" x 26.5" x 25.75" (762x673x654) (dimensions without optional light)

*Higher pressures with optional regulators



MODEL KDT-123 YACHT HORN



Shown w/optional M-300 Light

Code	Fundamental Frequency	Air Consumption				Air Pressure Required		Electrical Power Required	Material	Net Weight		Finish	Dimensions
		C.F.M.	p.s.i.	l/s	bar	p.s.i.	bar			lbs	kg		
MM KAH KDT-123	142 to 416 Hz S.P.L. (1/3 Octave @ 1 Meter): 134 dB	91	100	43	10	100 to 250	7 to 17*	Any standard A.C. or D.C. Voltage	Cast Bronze and Spun Brass	110	50	White Powdercoat or Chrome Plate	30.75" x 28" x 21.5" (781x711x546)

*Higher pressures with optional regulators



MODEL O2M MUSICAL YACHT HORN



Code	Fundamental Frequency	Air Consumption				Air Pressure Required		Electrical Power Required	Material	Net Weight		Finish	Dimensions
		C.F.M.	p.s.i.	l/s	bar	p.s.i.	bar			lbs	kg		
MM KAH O2M	196 to 392 Hz S.P.L. (1/3 Octave @ 1 Meter): 132 dB	Appx. 14	100	7	7	100 to 250	7 to 10*	A.C. or D.C. Voltage	Cast Bronze, Spun Brass	125	57	Chrome Plate or White Powdercoat	26.5" x 29.75" x 24.5" (673x756x622)

*Higher pressures with optional regulators

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AIR COMPRESSORS



MODEL P449-13/P449-14 COMPRESSOR SYSTEM



The P449-13/P449-14 Compressor System provides output sufficient for Kahlenberg Air Horn Models S-0A, D-0A, T-0A, S-1, S-2, and D-1

Code	Voltage	Max Current	FAD @ 8 bar	Max Pressure	Weight	Noise Level	Thermal Protection	Duty Cycle	Vibration Isolated	Wire Size
MM KAH P449-13	12 V.D.C.	46A	1.78 CFM, 50 l/min	150 p.s.i., 10.31 bar	41 lbs., 18.6 kg, Compressor and Tank	69 dB(A)@ 1 meter	Yes	100% Continuous	Yes	12 AWG min.
MM KAH P449-14	24 V.D.C.	28A								



MODEL KA500 COMPRESSOR SYSTEM



The KA500 Compressor System provides output sufficient for Kahlenberg Air Horn Models S-0A, D-0A, T-0A, S-1, S-2, and D-1

Code	Voltage	Motors	Max Current	Displacement	FAD @ 8 bar	Max Pressure	Weight	Noise Level	Thermal Protection	Duty Cycle	Vibration Isolated	Wire Size
MM KAH KA500	Single Phase A.C. Voltage 50/60 Hz	.6 HP Combined	6.6A @115 Volts, 4.1A @ 230 Volts	4.87 CFM, 138 l/min	1.55 CFM, 44 l/min	150 p.s.i., 10.31 bar	57 lbs., 25.8 kg, Compressor and Tank	69 dB(A)@ 1 meter	Yes	100% Continuous	Yes	14 AWG



MODEL KA1000 COMPRESSOR SYSTEM



The KA1000 Compressor System provides output sufficient for Kahlenberg Air Horn Models D-1, D-2, and T-1.

Code	Voltage	Motors	Max Current	Displacement	FAD @ 8 bar	Max Pressure	Weight	Noise Level	Thermal Protection	Duty Cycle	Vibration Isolated	Wire Size
MM KAH KA1000	Single Phase A.C. Voltage 50/60 Hz	1.2 HP Combined	15A @120 Volts, 7.5A @ 240 Volts	9.75 CFM, 276 l/min	3.11 CFM, 88 l/min	150 p.s.i., 10.31 bar	126 lbs., 57 kg, Compressor and Tank	69 dB(A)@ 1 meter	Yes	100% Continuous	Yes	14 AWG



MODEL KA2000 COMPRESSOR SYSTEM



The KA2000 Compressor System provides output sufficient for Kahlenberg Air Horn Models D-3A, T-2, and T-3A.

Code	Voltage	Motors	Max Current	Displacement	FAD @ 8 bar	Max Pressure	Weight	Noise Level	Thermal Protection	Duty Cycle	Vibration Isolated
MM KAH KA2000	Any Common A.C. Voltage 50/60 Hz	1.5 HP, 1.1 kW	16.6A @120 Volts, 8.3A @ 230 Volts	7.49 CFM, 212 l/min	3.88 CFM, 110 l/min	150 p.s.i., 10.31 bar	163 lbs. , 74 kg, Compressor and Tank	74 dB(A)@ 1 meter	Yes	100% Continuous	Yes



MODEL KA4000 COMPRESSOR SYSTEM



The KA4000 Compressor System provides output sufficient for Kahlenberg Air Horn Models Q-3A, F-3, and KDT-123.

Code	Voltage	Motors	Max Current	Displacement	FAD @ 8 bar	Max Pressure	Weight	Noise Level	Thermal Protection	Duty Cycle	Vibration Isolated
MM KAH KA4000	Any Common A.C. Voltage 50/60 Hz	3.0 HP, 2.2 kW Combined	33.2A @120 Volts Combined	15.00 CFM, 424 l/min	7.76 CFM, 220 l/min	150 p.s.i., 10.31 bar	308 lbs. , 140 kg, Compressor and Tank	74 dB(A)@ 1 meter	Yes	100% Continuous	Yes

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MANSUETO MARINE



SHIP BELLS



CAST BRONZE ALLOY BELL



Code	Description	Suitable for	Material	Finish
MM KAH BE/36261	8" Ship's Bell	12 to 20 meters vessels	Cast bell bronze alloy	Satin or buffed mirror
MM KAH BE/36260	12" Ship's Bell without bracket	over 20 meters vessels	Cast bell bronze alloy	Satin or buffed mirror
MM KAH BE/36265	12" Ship's Bell with bracket	over 20 meters vessels	Cast bell bronze alloy	Satin or buffed mirror
MM KAH BE/36148	16" Ship's Bell	over 20 meters vessels	Cast bell bronze alloy	Satin or buffed mirror



BRASS SHIP'S BELL R.I.N.A. APPROVED



Code	Ø (mm)	Suitable for	Material	Finish
MM FOS 2106.L	200	20 meters vessels	Brass	Polished
MM FOS 2106.C	200	20 meters vessels	Brass	Chromed



BRASS SHIP'S BELL R.I.N.A. APPROVED

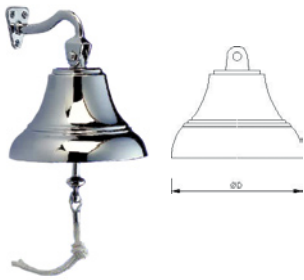


Code	Ø (mm)	Suitable for	Material	Finish
MM FOS 2106A.L	300	20 to 75 meters vessels	Brass	Polished
MM FOS 2106A.C	300	20 to 75 meters vessels	Brass	Chromed

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CHROMED BRASS SHIP'S BELL COMPLETE WITH BRACKET



Code	ØD (mm)
MM FOS 2039.C	190
MM FOS 2040.C	150
MM FOS 2041.C	100
MM FOS 2042.C	90
MM FOS 2043.C	80
MM FOS 2044.C	50



CHROMED BRASS SHIP'S BELL R.I.N.A. APPROVED



Code	ØD (mm)
MM FOS 2106.C	210
MM FOS 2106A.C	300



CHROMED BRASS SHIP'S BELL COMPLETE WITH BRACKET



Code	ØD (mm)
MM FOS 2045.C	160



CHROMED BRASS SHIP'S BELL



Code	ØD (mm)
MM FOS 2045A.C	160



CHROMED BRASS SHIP'S BELL



Code	ØD (mm)
MM FOS 2045B.C	160



CHROMED BRASS SHIP'S BELL



Code	ØD (mm)
MM FOS 2228.C	100
MM FOS 2229.C	150
MM FOS 2230.C	175

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