

### Model Z-320-SC Navigation Horn

The Kahlenberg Model Z-320-SC Self-Contained Air Horn represents a new concept in sound signaling for vessels over 75 meters in length. Using an internal direct drive air source, this new horn requires only one low amperage A.C. single phase or three phase connection for power.

Completely contained in a thermostatically controlled, heated IP-56 enclosure, the Z-320-SC offers a new standard for reliability and longevity in harsh marine environments, previously only matched by pneumatic horns which required an external air source.



- **TYPE APPROVED FOR VESSELS 75-200 METERS**
- **SELF-CONTAINED, NO AIR SUPPLY REQUIRED**
- **INTERNAL CONTROLLED HEATING**
- **HIGHLY RELIABLE, LOWEST INSTALLATION COST**
- **EXCEPTIONAL CORROSION RESISTANCE**
- **RATED FOR CONTINUOUS DUTY**
- **AVAILABLE IN SINGLE OR THREE PHASE 50/60 HZ A.C. VERSIONS**

#### TECHNICAL DATA

Fundamental Frequency: 330 Hz

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

S.P.L. (dBA): 147.5 dB

#### Electrical Power Required:

110-240 Volts A.C. 1 Ph. 50/60Hz

230/460 Volts A.C. 3Ph 50/60Hz

#### Power Consumption:

8.6 Amps @ 230 Volts (1ph)

2.4 Amps @ 460 Volts (3ph)

Materials: Brass horn body, reinforced fiberglass enclosure, aluminum base

Ingress Protection: IP56

#### Max./Min. Amb. Temp.:

60 deg./-40deg. C.

140 deg./-40 deg. F.

#### Net Weight:

106 lbs./48 kg (3 Ph. Version)

123.5 lbs/56 kg (1 Ph. Version)

#### Dimensions:

35.25" x 21" x 20.45" (895x533x520)