



High-quality and resistant manufacturing materials

The MSM foghorn, model MSN-20 automatically provides a 360° beam of sound in the horizontal plane, it is specifically designed to be installed in places with thick fog or in windfarms. Designed as an aid to navigation, it provides an audible range over 2 nautical miles.

FEATURES

- Audible range over 2 nautical miles.
- 360° beam of sound in the horizontal plane.
- Emission of 134 dB at 1 meter.
- Frequency: 800 Hz and 850 Hz (accuracy 0.2 Hz).
- Average operation lifetime over 10 years.
- IP 66 watertightness degree.
- Protection against corrosion.
- Ready to be charged by solar energy or conventional batteries.
- Control unit based on microprocessor.
- Audible signal Morse code (Letter U or A).



It is manufactured with high-quality and resistant manufacturing materials to achieve a long-service life under the harshest marine conditions.

Ideal for offshore locations requiring a low consumption, such as isolated solar-powered applications.

So, in case that one emitter is failed, the range of this foghorn is reduced from 2 nautical miles to 1,5 nautical miles

Designed according to IALA Recommendation E-109 and IALA Guidelines G1162 and G1090

Power Supply

Voltage:	24 Vdc or 230 Vac (12 V optional).
Operating current (24V)	Up to 7.5 A, average current ≤ 1 A.
Quiescent current:	Lower than 30 mA.
Power consumption	22W average with U code standard IALA

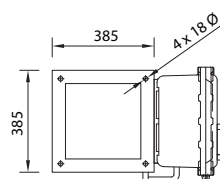
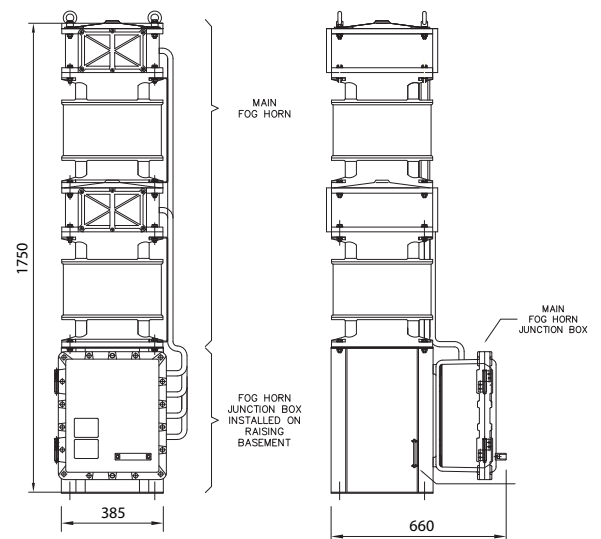
! Specifications subject to change without previous notice.

Transmission

Frequency range:	800 Hz - 850 Hz.
Nominal range:	2 nm.
Transmission codes:	U or A.

Materials and environment

Material:	Marine aluminum and stainless steel 316.
Fixings:	Base 4 x 180 \varnothing .
Weight:	200 Kg.
Watertightness degree:	IP 66.
Temperature range:	From -40° to +55°C.
Dimensions (LxWxH):	660 x 510x 1750 mm



Options

Remote monitoring and control system connection

Other code under request.

Other specifications available under request.