

Electro-Voice 7110XC 30 Watt/8 Ohms Explosion Proof Driver/Hazardous Environment/Explosion Proof (UL Listed)

Model 7110XC is an explosion-proof drivers for use in potentially hazardous areas. A variety of horn attachments can be made to suit installation requirements. A specially designed integral sintered bronze acoustic screen and heavy diecast aluminum cast meet the UL standards for explosion-proof classification (see Table 1). The 7110XC is designed to meet and surpass UL standards for use in hazardous areas classified as Class I- Groups B, C and D. The driver is ideal for use in such locations as gasoline storage and loading facilities, coal pulverizing plants, grain mills, paint shops, and other areas with potentially volatile atmospheres containing alcohol, acetone, natural gas, and other explosive gases such as a hydrogen/air mix. For optimum flexibility, the 7110XC is supplied without a linematching transformer. If one is required, the University Model 5030 is recommended.

Architects' and Engineers' Specifications

The explosion-proof driver shall be Model 7110XC and approved by Underwriter's Laboratory for use in hazardous areas specifically designated as Class I Groups B, C, and D.

The loudspeaker shall exhibit essentially flat power response from 500 to 4,000 Hz with a smoothly rolled-off response beyond. The sensitivity, when mounted on a Cobreflex III horn, will be 100 dB (1 W/ 1 m) with a 500-to-5,000Hz pink noise applied. The case shall be heavy cast aluminum with dimensions not exceeding 20.0 cm (7.87 in.) in diameter, and 18.7 cm (7.37 in.) in length

The rear case shall be removable to facilitate wiring by incorporation of six 3/8-inch diameter bolts, and provisions made for connection of standard 1/2-inch pipe conduit.

The driver voice coil impedance shall be eight ohms. The internal driver will employ a linen-based, molded phenolic diaphragm, 1½-inch diameter voice coil and "rim-centered" ferrite magnet structure. Replacement part 353 voice coil and diaphragm assembly shall be available.

The coupling diameter shall be standard 1 3/8-18-inch threads for screw-in attachment to horn. Weight of unit shall not exceed 5.4 kg (12.0 lb). Finish shall be baked-on acrylic gun metal gray. Model 7110XC is specified.