

# TYPE J15-1 PROJECTOR

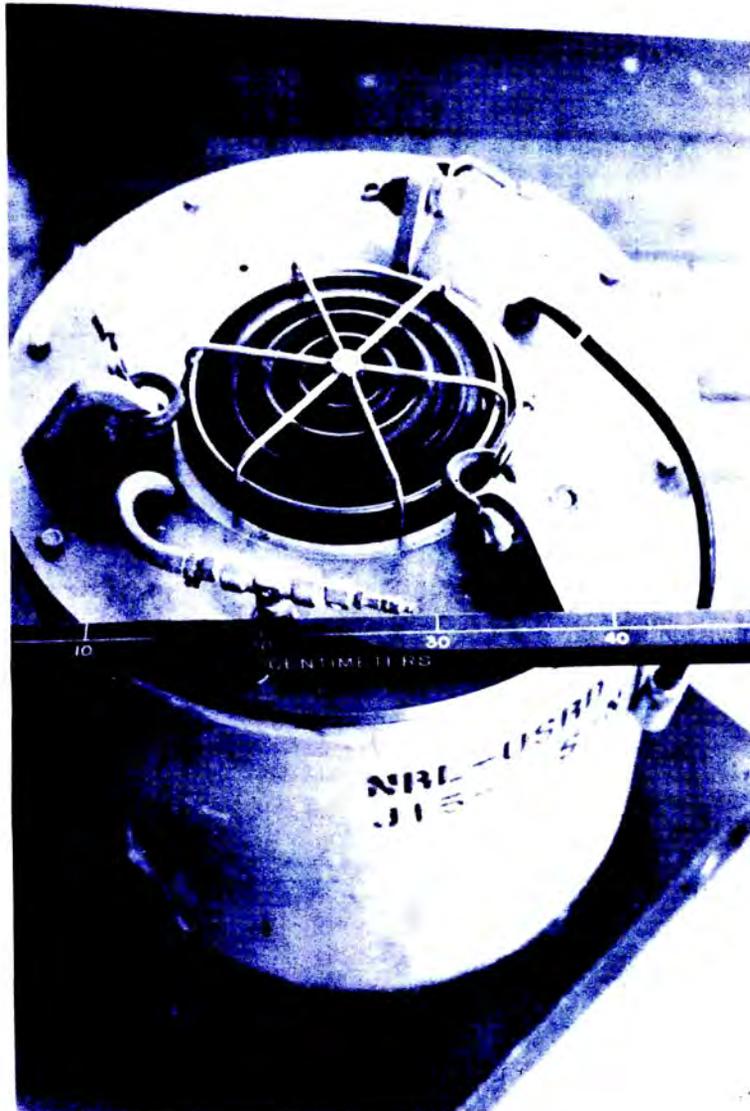


Fig. J15-1, No. 1 - Type 15-1 projector.

**FUNCTION:** A transducer for the low-audio and infrasonic frequency range with extra depth capability. Reversible but designed and used only as a projector.

**DESIGN:** Electrodynamic (or moving coil) with an extra-large passive compensation system for hydrostatic pressures and an upward vertical acoustic axis.

**FREQUENCY RANGE:** 30 to 900 Hz

**TVR:** See Fig. J15-1, No. 2

**MAXIMUM DEPTH:** 165 m  
**TEMPERATURE RANGE:** 0 to 35°C  
**MAXIMUM DRIVING SIGNAL:** Approximately 3 A, but monitor acoustic output signal for distortion  
**ELECTRICAL IMPEDANCE:** See Fig. J15-1, No. 3  
**DIRECTIVITY:** Approximately omnidirectional within 2 dB to 1 kHz  
**WEIGHT:** Aluminum Housing - 46 kg (101 lbs)  
 Stainless Steel Housing - 111 kg (245 lbs)  
**SHIPPING WEIGHT:** Aluminum Housing - 80 kg (176 lbs)  
 Stainless Steel Housing - 145 kg (320 lbs)  
**NORMAL CABLE LENGTH:** 30 m  
**CABLE CODE:** white high signal output  
 black low signal output and ground  
 shield low signal output and ground  
**INSTRUCTIONS FOR THE USER:** See Appendix D for preparation for use  
 See Fig. J15-1, No. 4 for acoustic center  
 Diaphragm must face upward

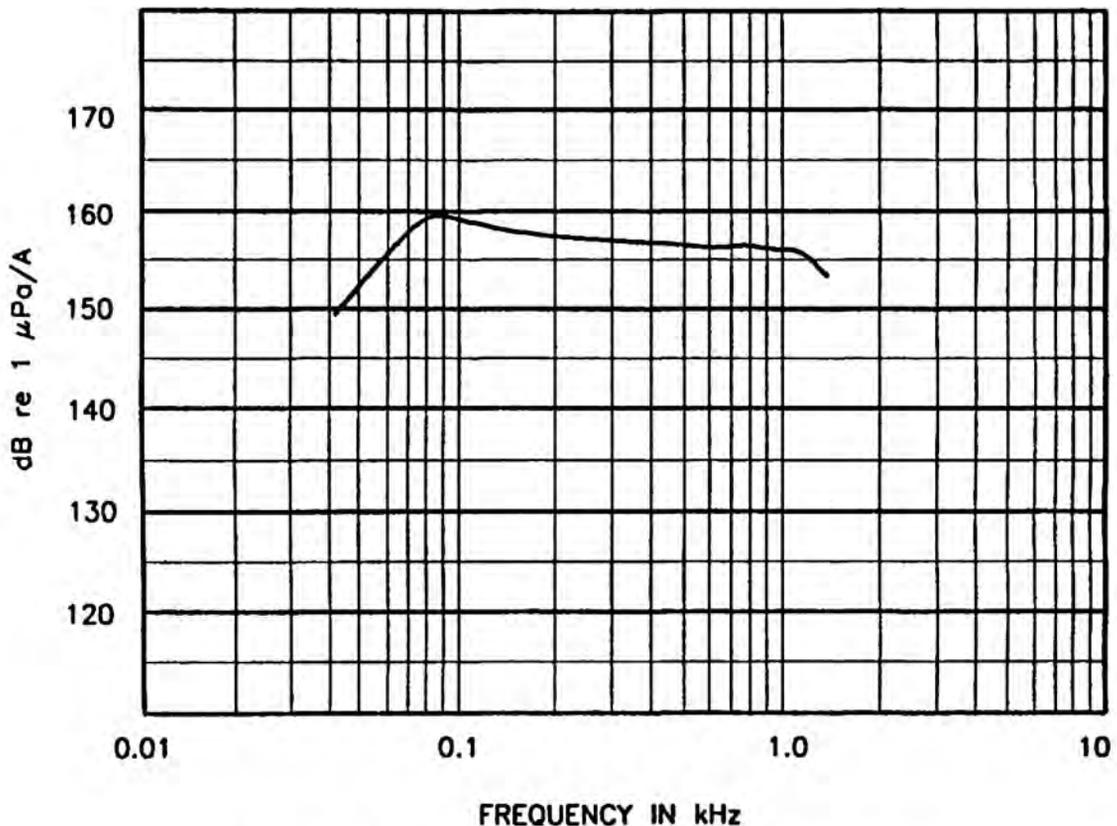


Fig. J15-1, No. 2 - Typical TCR for Type J15-1 projector.

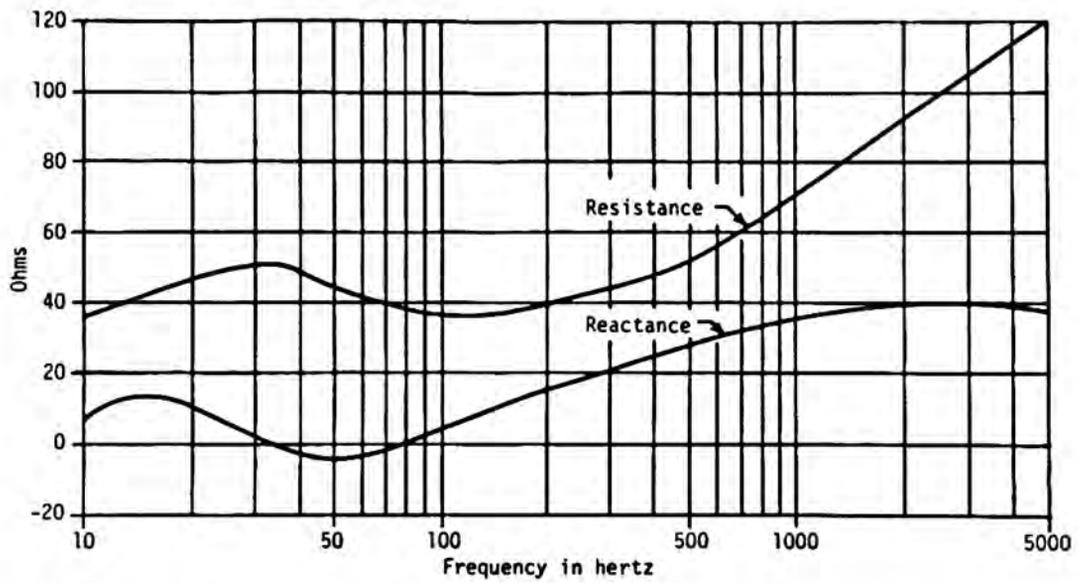


Fig. J15-1, No. 3 - Typical impedance for Type J15-1 projector.

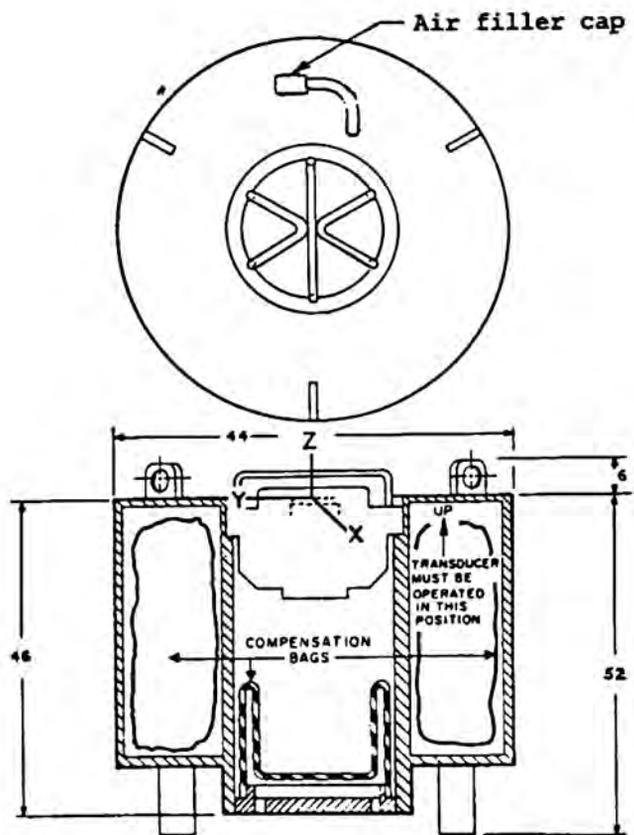


Fig. J15-1, No. 4 - Dimensions (in cm) and orientation of Type J15-1 projector.