



**NATHAN AIRCHIME INC. (A MEMBER OF MICROPRECISION GROUP)**  
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 TEL: 860 423 4575 FAX.: 860 450 0519

**Model KS-2, 370Hz & Model KS-5H, 660Hz**  
**Directional, Single Tone, Locomotive Air Horn**  
**UIC 644 COMPLIANT**



Model KS-2, 370 Hz  
 Available with heater &  
 Debris / Snow filter



Model KS-5H, 660 Hz  
 Available with heater &  
 Debris / Snow filter

- Ideal for locomotive applications of harsh environmental conditions and vibrations. Same horn series that have been used as a North American Railroad standard for over 50 years, a true workhorse.
- Single tone, 370Hz & 660 Hz fundamental frequencies, engineered to produce full harmonic contents up to 12 octaves which greatly enhances warning effectiveness.
- Horn is energy efficient with hermetically sealed diaphragm assembly which operates on a wide range of pressures without any tuning or adjustment.
- Available with heaters and debris / snow filters
- Horn construction: High strength aluminum casting, stainless steel diaphragm discs and fasteners.

\* Signal will produce a sound pressure level of approximately 70 dB @ 2.5 km in calm, cool conditions without topographical interference. Signal strength at distance can vary dramatically depending on environmental and geographical conditions.

Control:	Manual, solenoid or combination valve
SPL (loudness) on Total: Operating Medium & Port: Air Consumption:	139 ± 1 dB @ 1 meter, 120-125 dB @ 5 m Air, nitrogen, CO <sub>2</sub> , 1/2" BSPT inlet 18 L/Sec [38 SCFM] @ 7 bar [100 PSIG]
Audibility: Fundamental Frequency: Tone (Musical Note), KS-2 & KS-5H:	2.5 km on still air at 20°C 370 Hz & 660 Hz ± 20 Hz G <sup>4</sup> Flat & E <sup>5</sup> Natural
Operating Pressure: Operating Temperature:	3 – 10 bar [50 – 150 PSI] -40°C to +85°C [-40°F to +185°F] on dry air
Finish: Degree of Protection:	Primed and painted black alkyd enamel IP 54
Basic Dimension KS-2 & KS-5H: Net Weight, KS-2 & KS-5H :	325x230x229mm [13x8x9"] & 205x186x152mm [8x7.3x6"] 2.8 kg [6.2 lbs] & 2.5 kg [5.5 lbs]

**DISTINCTION • SAFETY • RELIABILITY**