

Architect and Engineering Specification

Model 351-001 Hazardous Area Telephone

Phone shall operate on a standard analog phone line. It shall be solely powered from the phone line and not require a battery or external power source. A call is initiated by lifting the handset and using the keypad to dial. The phone shall be tone dialing.

The phone housing shall be constructed of high-impact, anti-corrosive polyester housing resistant to thermal degradation, and immune to chemicals, solvents and salts and rated NEMA 3. The housing shall have a door with heavy-duty latch. A panel (containing the handset and keypad) shall be removable from the rear section of the housing to access the phone electronics and telephone line connection. The housing shall be 13.2"x9.4"x7.4 (HxWxD) and painted Blue. The phone shall weigh 8.2 pounds.

The handset shall be "G" style with a volume control, noise canceling and a hearing aid compatible receiver. The 6' cord shall be constructed of Hytrel δ for added durability. The handset cradle shall be heavy-duty, with a non-movable, magnetic type hook-switch. The keypad shall be sealed and chrome plated. The phone shall contain a ringer with REN of 1.3B.

The phone shall have an operating temperature range of -40°C to $+60^{\circ}\text{C}$ and relative humidity to 95% non-condensing.

Phone shall be registered under FCC Regulations, Part 68 and shall be CSA, approved for:

- Class I Div 2 Groups A,B,C,D
- Class II Div 2 Group G and coal dust
- Class III

Telephone manufacturer shall be ISO 9001 Certified.

Phone shall be registered under FCC regulations, 47 CFR, part 68 and comply with UL/CSA 60950.

The telephone shall be designed, developed and manufactured by **GAI-Tronics Corporation as Model 351-001.**

The phone shall be available with the following options

- Spring Door Return by adding **-SK** to model number.
- Tamper resistant hardware by adding **-TS** to model number.