Model RCP-1 Residential Control Panel for Dry Pipe Systems

- For use in NFPA 13D applications where areas are subject to freezing
- Pre-assembled unit for easy installation and quick system design
- Assembly contains pre-programmed control panel, system performance gauges, and enclosed air compressor
- UL Listed

The TYCO RAPID RESPONSE Model RCP-1 Residential Control Panel is an integrated valve manifold, air pressure, and electronic supervisory package for controlling water release into residential dry pipe systems. The panel is specifically designed for one- and two-family dwellings and mobile homes.

The Model RCP-1 Panel is UL Listed and meets NFPA 13D requirements when used with residential sprinklers that are UL Listed for residential dry pipe systems.

The Operator Interface uses clearly labeled LEDs and Keys as its primary means of displaying status information and controlling the system. This interface allows occupants to monitor the status of the Model RCP-1 Panel and its circuits.

Backup batteries provide a 48-hour standby and 15-minute alarm/system release. Batteries automatically recharge within 24 hours.

TECHNICAL DATA

- Approvals: UL Listed
- Physical Dimensions:
  - Width: 14 Inches (355 mm)
  - Height: 50 Inches (1270 mm)
  - Depth: 8 Inches (200 mm)
  - Weight: 95 Pounds (43 kg)
- Nominal Riser Sizes:
  - 1 Inch
  - 1-1/2 Inch
- Maximum Working Pressure: 175 psi (12.1 bar)
- Input Voltage: 120 VAC, 60 Hz, 4 A
- Battery Backup: Two 8.0 AH 12 VDC batteries in series
- Materials of Construction:
  - Valve Manifold: Brass and Bronze
  - Cabinet: Painted Steel
Model RCP-1 Residential Control Panel

Refer to technical data sheets TFP480 and TFP485 for complete descriptions of all listing criteria, design parameters, installation instructions, care and maintenance guidelines, and warranty information.

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