The TYCO VIZOR Electronic Dry Pipe Accelerator is a quick-opening device intended to reduce the time required to operate a dry pipe valve system with one or more automatic sprinklers. The accelerator can be installed in new systems or replace mechanical-type accelerators in existing systems.

Unlike other accelerators on the market today, the VIZOR Accelerator is an electronic, microprocessor-based, quick-operating device. It features a unique, air pressure monitoring design that operates upon detection of a steady decay in air pressure of 0.1 psi per second (0.007 bar/s) or greater, or if the pressure drops to 5.5 psi (0.38 bar).

When the VIZOR Electronic Dry Pipe Accelerator detects a sustained drop in air pressure, the accelerator energizes its internal solenoid valve. The energized solenoid valve then opens to permit system air pressure into the intermediate chamber of the dry pipe valve. The pressurized intermediate chamber neutralizes the differential pressure holding the dry pipe valve closed and permits the dry pipe valve to trip and flow water into the system piping.

**ADDITIONAL FEATURES**

- Easier to install, set, and maintain than mechanical accelerators
- Compatible with TYCO Model DPV-1 Dry Pipe Valves and legacy models
- Self-contained unit with pressure transducer and solenoid located inside of enclosure
- Built-in low pressure and high pressure alarm supervision
- Simple test-and-reset function
- Battery back-up in the event of a primary power failure

Refer to the Technical Data Sheet TFP1105 for complete description of all listing criteria, design parameters, installation instructions, care and maintenance guidelines, and our limited warranty.
Contact your local distributor for availability. When placing an order, indicate the full product name.

**VIZOR Electronic Dry Pipe Accelerator**
P/N: 52-312-3-000

**VIZOR Electronic Dry Pipe Accelerator with Trim**
P/N: 52-312-3-001

**Accessories**
- 24-Hour Batteries
  - 2 Required, 12 V, 1.3 AH  P/N: 2653
- 90-Hour Batteries
  - 2 Required, 12 V, 5 AH  P/N: 2654
  - Fuse, 5 A  P/N: 2657
  - Fuse Holder  P/N: 2655
- 90-Hour Battery Cabinet
  - 8 x 4 x 8 inches
    - (203 x 102 x 203 mm)  P/N: 52-312-3-002

**DPV-1 Dry Pipe Valves**

- **4” (DN100)**
  - Grooved x Grooved  P/N: 52-310-1-940
  - Flange x Grooved  P/N: 52-310-1-440
  - Flange x Flange  P/N: 52-310-1-040

- **6” (DN 150)**
  - Grooved x Grooved  P/N: 52-310-1-960
  - Flange x Grooved  P/N: 52-310-1-460
  - Flange x Flange  P/N: 52-310-1-060

Refer to the Technical Data Sheet TFP1105 for complete description of all listing criteria, design parameters, installation instructions, care and maintenance guidelines, and our limited warranty.