# Pushmatic Electric Panels

Pushmatic electric panels were manufactured from the 1950s through 1980 and are now considered obsolete and potentially unsafe.



The Pushmatic panel board and Pushmatic Bulldog circuit breaker were widely-used circuit breaker panels installed in properties that were built between the mid-1950s and early 1980s. This is a distinctive panel because it's the only electrical panel brand that doesn't have switches that flip left and right. Instead, the breakers are rectangular buttons you must push to activate or deactivate.



# Panels are Obsolete

If you have this type of panel in your property, it's probably more than 40 years old. Replacement parts for the panel are difficult to find and those on the market are not UL listed.

The electric demands of today often exceed the design capacity of a Pushmatic panel. Because the parts that are sold as "Pushmatic compatible" aren't tested or approved for use with these panels, it's not possible to safely add new circuits to a Pushmatic electrical panel. This creates a hazardous situation when people try to adapt the panels to their growing usage requirements.

# Springs Break with Age

Pushmatic panels were considered a quality product when they were originally manufactured but they haven't withstood the test of time. As the panels age, the springs inside rust, corrode, and become brittle. The older panels don't always trip when they should, and they become difficult to reset.

# **Newer Panels function More Reliably**

Newer panels have design improvements that make them function more reliably. Pushmatic and Bulldog circuit breakers use a thermal breaker design with no magnetic trip mechanism. Modern breakers incorporate both magnetic and thermal trip mechanisms, increasing safety and the likelihood that they will function properly in the event of an overload or short circuit.







#### **Shock Hazard**

An additional design concern with Pushmatic panels is that it's difficult to tell if the breaker is in the "on" or "off" position. The on/off flag in the old Pushmatic breakers frequently stays fixed in either postion, giving you a false indication of the power status of the circuit.

# **Play it Safe**

Any electric component that's close to 50 years old should be replaced. Electric industry experts consider this the best practice, regardless of the brand or style of the equipment.

Pushmatic panels are obsolete and should be upgraded with newer, better-designed equipment to avoid a fire hazard and potential shock injury. Newer panels are safer and can accommodate the demands of today's electric needs.