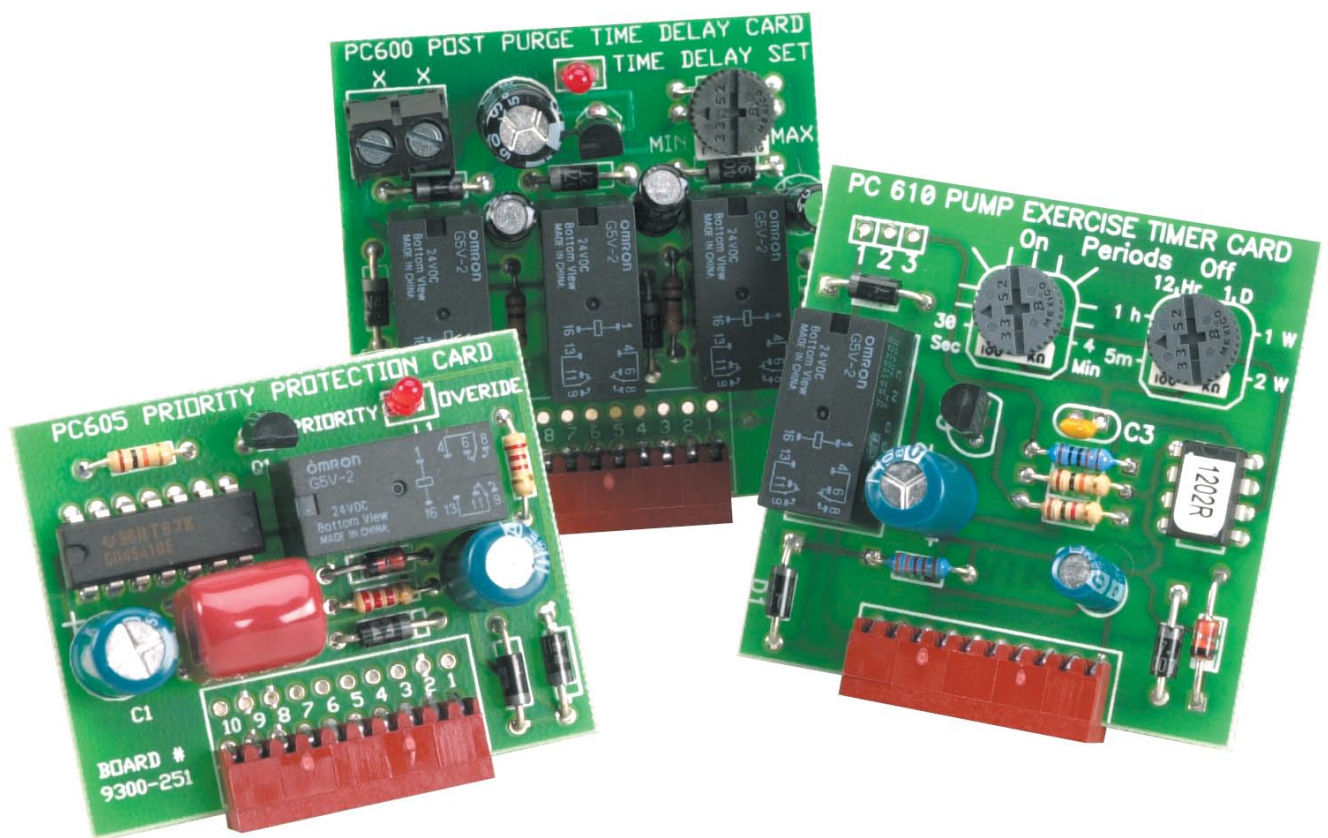# PowerPort Cards

Taco's exclusive PowerPort Cards can be used in conjunction with any Taco expandable control to enhance total system integration and performance. There are no complex controls to wire – just plug the cards into any one of the slots provided. Mix and match post purge, priority protection, and universal timer/pump exercise cards to quickly customize any system.

HYDRONIC COMPONENTS & SYSTEMS

**Do it once.
Do it right.™ Taco®**

Features

Solid State Electronic Cards Can Be
    Used With Any Taco Expandable
    (-EXP) Control.
Simply Plug Into Any One of Three Slots.
        No Wiring is Required.
LED Lights
Fixed and Adjustable Time Delays
Optimizes Any System
100% Factory Tested

PC600 Post Purge Timer Plug-In Card

Control	Solid State Control
Dimensions	2''x2''
Connections	Plugs into any PowerPort Slot on any –EXP
Control Power Supply	24 VAC (Powered by -EXP Control)
Relays	2 amp
Diagnostics	LED Light
Time Delay	Adjustable, 10-420 seconds

PC605 Priority Protection Plug-In Card

Control	Solid State Control
Dimensions	2''x1.75''
Connections	Plugs into any PowerPort Slot on any –EXP
Control Power Supply	24 VAC (Powered by –EXP Control)
Relays	2 amp
Diagnostics	LED Light
Time Delay	Fixed, 1 Hour

PC610 Universal Timer /Pump Exercise Plug-In Card

Control	Solid State Universal Timer
Dimensions	2''x2''
Connections	Plugs into any PowerPort Slot on any –EXP
Control Power Supply	24 VAC (Powered by –EXP Control)
Relays	2 amp
Diagnostics	LED Light
Time Delay	Independently adjustable on/off time delay

Plug-In PowerPort Cards

The PC600 series of PowerPort Cards can be used in conjunction with any Taco Expandable Control. Each Taco Expandable Control (-EXP model) comes standard with mating PowerPort slots to accept any combination of cards. By controlling the operation of the circulators or zone valves attached to the control, the PC600 cards are an ideal way to provide energy savings, system protection and an increased comfort level. With no additional wiring, the PC600 cards can also be used in parallel with the Taco Add-on Power Controls to add even greater system control and boiler optimization. Mix and match the cards and controls to upgrade any system.

PC600 Post Purge Timer Plug-In Card

The Taco Post Purge Plug-In Card is a solid state control. Once the priority zone is satisfied, it maintains power to the circulator and/or the zone valve attached to the priority zone – but doesn't fire the boiler. The circulator purges excess heat into the priority zone, minimizing stand-by loss during warm weather months and optimizing boiler operation when used with a boiler reset control. Power can be maintained to the priority zone from twenty seconds to seven minutes by means of an adjustable potentiometer. An extra set of dry contacts is provided on the card to emulate the aquastat closure. This allows use of the Taco PC600 with boilers that have an integrated reset control.

PC605 Priority Protection Plug-In Card

The Taco Priority Protection Plug-In Card is a solid state control that helps prevent freeze-ups in the event of a priority zone failure. If the priority zone calls for heat continuously for more than one hour, power is then returned to the space heating zones, allowing all the zones to function independently. Once the priority zone is satisfied, the control's auto-reset is activated. The next time the priority zone calls, it is again allowed to have priority for up to one hour.

PC610 Universal Timer/Pump Exercise Plug-In Card

The Taco Pump Exercise Plug-In Card is a solid state universal timer designed to cycle all the pumps or open all the zone valves that are attached to the Expandable Control(s) at selected time intervals. This minimizes seasonal start-up problems generally associated with harsh water conditions. The control can be configured to reduce the chance of freeze-ups by cycling more often during cold weather months. Bacteria can be minimized in heating systems that utilize domestic hot water heaters as their heat source by systematically circulating the water.

HYDRONIC COMPONENTS & SYSTEMS

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Do it right.™ **Taco**®