

Product Selection Guide

Presair Air Switches, Air Switch Controls, Pressure Switches, Vacuum Switches, and Hand Actuators and Foot Pedals are considered the most advanced and reliable in their class.

Presair's Air Switching System

SHOCKPROOF, WATERPROOF & EXPLOSION PROOF

The Presair system uses an air bellows actuator joined by tubing to an air switch contained within the equipment or appliance to be switched. Pushing the actuator creates enough pressure to operate the air switch which safely controls the equipment. There is complete electrical isolation with no voltage - low or high - to worry about at the point of actuation. No external compressed air is required.

SAFE AND ECONOMICAL - There is no voltage at the actuator to shock the user, spark an explosion, or cause a shock.

The cost of Presair products is comparable or lower than conventional controls.

QUICK INSTALLATION - No plugs, sockets, or cable ends.

WORLDWIDE APPROVAL - Air switches help your equipment get worldwide approval - UL and CUL Recognized.

The safety of Presair switching has worldwide recognition. Air switches can be fitted with various agency approved microswitches.




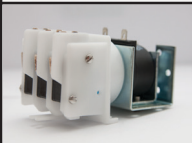

AVOID ELECTRICAL INTERFERENCE - Air switches eliminate spurious switching signals which can be picked up by cables used on low power switching.

Air Actuators are connected to Air Switches with air tubing. The actuators may be in the form of pushbuttons or foot pedals.

Pressure and Vacuum Switches

Presair's pressure and vacuum switches span the range of pressure from 0.25 inches of water gauge to 125 psig in four basic models, many different pressure connections and mountings (i.e. 1/8" NPT), and electrical ratings up to 25 amps. All pressure and vacuum switches are UL and CUL recognized with a 100,000 life cycle.

Presair Controls

MODEL	SWITCH TYPE
	Tinytrol Switches "T" Alternate & Momentary Air Switches, Factory Set Pressure & Vacuum Switches
	Adjustable Switches Adjustable Pressure (P) or Vacuum (V) Switches
	Low Pressure Switch "D" Low Force Pressure, Vacuum or Differential Pressure Switches
	PCB Mount Switches "C" Air, Pressure, Vacuum or Differential Pressure PCB Mount Switches
	Magictrol Switches "M" Three or Four Function Sequencing Air Switch
	Push Button Hand Actuators "B" Hard or Soft Hand Air Actuators
	Foot Pedal Actuators Hard or Soft Foot Pedal Air Actuators

Photographs above illustrate an example for each category.

Product Features

Select from each column to configure your switch type:

	TINYTROL SWITCHES	TINYTROL PRESSURE/ VACUUM SWITCHES	STANDARD PRESSURE/ VACUUM SWITCHES	LOW SENSING SWITCHES	PCB MOUNT SWITCHES	MAGICTROL AIR SWITCHES
SINGLE FUNCTION (SPST; N.O., N.C.)	•	•	•	•	•	
TWO FUNCTIONS (DPDT; 2 N.O., 2 N.C.)	•	•	•			
THREE OR FOUR FUNCTIONS (3PDT; 3 N.O., 3 N.C.)						•
MOMENTARY ACTION	•	•	•	•	•	SEQUENCING
ALTERNATE LATCHING	•					SEQUENCING
CURRENT RATING	25 AMPS	25 AMPS	25 AMPS	1 AMP	1 AMP	25 AMPS
FIELD ADJUSTABLE	PRESET	PRESET	•	•	PRESET	PRESET
SENSES BELOW 1 Psi	•	•	•	•	•	•
SENSES 50 Psi		•	•		•	
SENSES 100 Psi			•			

- PRESAIR SWITCHES ARE MADE IN THE U.S.A.
- UL & CUL RECOGNIZED
- CAN REACH TUBING DISTANCES OF UP TO 100FT



Presair's Air Actuators:

- OPERATE BY HAND OR FOOT
- WATERPROOF, SHOCKPROOF AND EXPLOSION PROOF
- CREATE A MINIMUM OF 1.5 PSIG WITH 10 FEET OF TUBING
- HARD AIR ACTUATORS HAVE AN INTERNAL BELLOW WHICH IS PROTECTED BY A HARD SHELL IDEAL FOR HARSH ENVIRONMENTS.