



SERIES  
1800

# Pressure Switches with MANUAL RESET

## Installation and Operating Instruction



**NOTE:** Automatic actuation on decreasing pressure.

### OPERATION

Models with "manual reset" option are also SPDT configuration but operate as follows. Differential pressure must be applied above the set-point and the "reset" button depressed to set the switch for operation so N.O. contacts open and N.C. contacts close. If differential pressure decreases below the set-point, the snap switch is actuated or latched so N.O. contacts are closed and N.C. contacts are open. They will remain in that condition even if differential pressure increases above the set-point until manually deactivated by pressing the "reset" button.

For Physical Data, Installation and Maintenance information see bulletin E-53. The exception is the solder type wiring connections used on these manual reset models. Standard models with automatic reset have screw type connections.

SET POINTS FROM .3 to 85 INCHES W.C.

REPETITIVE ACCURACY 2%

### MODEL 1820 with MANUAL RESET OPERATING RANGES

Model Number	Operating Range Inches, W.C.
1820-1-MR	0.3 to 1.0
1820-2-MR	0.5 to 2.0
1820-5-MR	1.5 to 5.0
1820-10-MR	2.0 to 10
1820-20-MR	3 to 22
1820-40-MR	5 to 44
1820-80-MR	9 to 85



SERIES  
1900

# Pressure Switches with MANUAL RESET

## Installation and Operating Instruction



**NOTE:** For single positive pressure sensing only. Automatic actuation on increasing pressure.

### OPERATION

Models with "manual reset" option are also SPDT configuration but operate as follows. When pressure is below the set-point, the snap switch is deactivated so N.O. contacts are open and N.C. contacts closed. If pressure increases above the set-point, the switch is actuated and latched so N.O. contacts are closed and N.C. contacts are open. They will remain in that condition even if pressure decreases below the set-point until manually deactivated by pressing the "reset" button.

For Physical Data, Installation and Maintenance information see bulletin E-56. The exception is the solder type wiring connections used on these manual reset models. Standard models with automatic reset have screw type connections.

SET POINTS FROM .4 to 20 INCHES W.C.

REPETITIVE ACCURACY 3%

### MODEL 1900 with MANUAL RESET OPERATING RANGES

To order specify Model Number	Operating Range Inches, W.C.
1900-1-MR	0.4 to 1.6
1900-5-MR	1.4 to 5.5
1900-10-MR	3.0 to 11.0
1900-20-MR	4.0 to 20.0

### MODEL 1900-5-MR DUCT PRESSURE KIT

Prevents duct blowout by shutting down blower when excess pressure occurs. Includes 1.4-5.5" w.c. range 1900 pressure switch, (2) A-339 adapters, (1) A-345 flange, and 18" vinyl tubing. Select sensing location and drill 1/4" diameter hole in duct. Attach A-345 flange and gasket with supplied sheet metal screws. Install tubing adapters in flange and high port of switch and connect tubing between switch and sensor.