

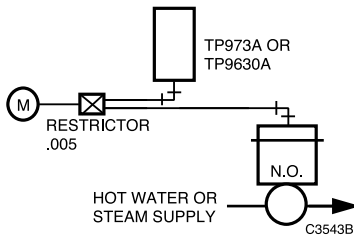
## TP973 Pneumatic Thermostat



One- or two-pipe, single temperature, low capacity, pneumatic thermostat used to provide proportional control of pneumatic valves and damper actuators in heating and air conditioning systems. Replacement kits are available for Johnson, Powers, Robertshaw, Barber-Colman, and older Honeywell pneumatic thermostats.

- Durable TP970 Series Thermostat. Direct Acting (DA) and Reverse Acting (RA) models are available.
- Backplate has molded air connections-no separate fittings needed.
- Universal locking cover with satin chrome finish and horizontal, vertical, or blank window options available.
- Other Covers Available.
- Low capacity thermostat.
- Built in restrictor for two-pipe applications.

### TP973 Typical Piping (One-pipe)



**Application Type:** Wall Thermostat, Single Temperature  
**Dimensions, Approximate:** 3 1/4 in. high x 2 in. wide x 1 5/8 in. deep (83 mm high x 51 mm wide x 41 mm deep)  
**Airflow Usage:** 0.011 scfm (5.2 mL/s)  
**Number of Pipes:** 1 or 2  
**Mounting:** Wall mount  
**Operating Temperature:** 100 F  
**Storage Temperature:** 150 F maximum (66 C maximum)  
**Remote Bulb:** No  
**Sensor Element:** Bimetal  
**Maximum Operating Pressure:** 25 psi (170 kPa)

### Accessories:

- AK3863**-Honeywell Thermostat Tool Kit, TP970/TP900
- CCT729A**-Gauge Adapter for Calibration. Add 305965 0 to 30 psi gauge for Complete Tool.:
- CCT735A**-Thermostat Calibration Tool includes Allen wrench for cover installation.
- 305965**-1-1/2 in. diameter, 1/8 NPT center stem back mount Pressure Indicating gauge (0 to 30 psi scale) with  $\pm 4\%$  accuracy
- 14002362-001**-Duct Sampling Chamber
- 14002430-001**-Thermostat Guard
- 14002913-004**-External Restriction Assembly. 0.005 in. Restriction, Blue Inlet 1/4 in; Outlet 5/32 in. and 5/32 in.
- 14003192-001**-Wallplate adapter kit. Adapts HP970 or TP970 series thermostats to HP900 and TP900 flush mounted and TP910 series flush or surface mounted installations
- 14004439-001**-Setpoint Extension
- 14004447-001**-Setpoint Cam Assembly for TP970A1004, A1012, A1020, A1038, A1046, A1053, A1095, A2004, A2012, A2020, A2038, A2053, A2095; TP970C; TP972A1143, A2143; TP973A1001, A1019, A1127
- 14004447-002**-Setpoint Cam Assembly for TP970B1002, B1010, B1028, B1036, B2002, B2010, B2028, B2036; TP970D; TP972A1002, A1010, A1028, A1044, A2002, A2010, A2028, A2044; TP973B1009, B1017, B1025, B1108

### Replacement Parts:

- 14001865-001**-Filter Cartridge Assembly
- 14002573-001**-Modernization Kit to convert all 1 & 2 pipe Honeywell

Product Number	Action	Setpoint	Setpoint Temperature Range		Throttling Range		Includes	Comments**
			(F)	(C)	(F)	(C)		
TP973A2076/U	Direct Acting	Single	59 F to 90 F		2 F to 10 F	1 C to 5 C	Order Cover Separately	For one-pipe order an external 0.005 in. restriction
TP973A2084/U	Direct Acting	Single		15 C to 30 C	2 F to 10 F	1 C to 5 C	Order Cover Separately	For one-pipe order an external 0.005 in. restriction
TP973A2209/U	Direct Acting	Single	59 F to 90 F		2 F to 10 F	1 C to 5 C	Thermostat and Satin Chrome Cover	Tradeline Kit. For one-pipe application-order an external 0.005 in. restriction
TP973B2066/U	Reverse Acting	Single	59 F to 90 F		2 F to 10 F	1 C to 5 C	Order Cover Separately	For one-pipe order an external 0.005 in. restriction
TP973B2074/U	Reverse Acting	Single		15 C to 30 C	2 F to 10 F	1 C to 5 C	Order Cover Separately	For one-pipe order an external 0.005 in. restriction
TP973B2171/U	Reverse Acting	Single	59 F to 90 F		2 F to 10 F	1 C to 5 C	Thermostat and Satin Chrome Cover	Tradeline Kit. For one-pipe application-order an external 0.005 in. restriction

\*\*A Tradeline Kit includes a TP970 Series thermostat with either a Satin Chrome or Beige Universal Cover, Windows (horizontal (F), vertical (F) and blank) for new installations or to convert newer, small size Honeywell or competitor thermostat, not requiring a wall plate adapter.

A Convertastat Kit™ includes a TP970 Series thermostat with either a Satin Chrome or Beige Universal Cover, Windows (horizontal (F), vertical (F) and blank) and a small Universal Wall Plate Adapter to convert newer, small size Honeywell or competitor thermostats.

A Modernization Kit includes a TP970 Series thermostat with Satin Chrome Universal Cover, Windows (horizontal (F), vertical (F) and blank) and a large Universal Wall Plate Adapter to convert older thermostats.

Pneumatic Controls