

TP9600 Pneumatic Thermostat



Application Type: Wall Thermostat

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)

Air Connections: Barb fittings 5/32 in. (4 mm)

Mounting: Vertical Wall Mounting

Operating Temperature: 50 F to 100 F (10 C to 38 C)

Storage Temperature: 150 F maximum (66 C maximum)

Remote Bulb: No

Throttling Range: 2 F to 10 F (1 C to 5 C)

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 ±4% accuracy

Pneumatic thermostat for proportional control of pneumatic valves and actuators with one- or two-pipe systems. Available with two cover options, the TP9600 is not only affordable and easy to install, but it controls temperature with the reliability that only Honeywell can provide.

- TP9600 delivers the Honeywell TP970s unparalleled sensing and control.
- Redesigned models fit your high-volume pneumatic applications.
- Backplate mounts quickly.
- Thermostat snaps onto backplate.
- Cover is mounted and locked into place with concealed setscrews.
- Attractive Euro-contoured design comes with choice of two cover options.
- Neutral taupe color blends with today's commercial interiors.
- Adapter kits are available to retrofit most pneumatic jobs.
- Branch line capacity Low for TP9630 and TP9633 Branch line capacity High for TP9600, TP9610, TP9603, TP9620.

14002362-001-Duct Sampling Chamber

14002430-001-Thermostat Guard

14002913-001-.005 in. Blue Filter Restriction Assembly; Inlet: 1/4 in., Outlets: 1/4 in. and 5/32 in.; Order in Quantities of 10

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

14004911-001-Taupe Convertastat wall plate with 2 screws

Replacement Parts:

14001865-001-Filter Cartridge Assembly

14002053-001-Back Plate Assembly

14002573-001-Modernization Kit to convert all 1 & 2 pipe Honeywell & competitive pneumatic thermostats to TP970, TP971A, TP972, TP973, TP974, TP9600 family; HP970, HP971 and HP972

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

| Product Number | Action | Number of Pipes | Setpoint | Setpoint Temperature Range | | Changeover | | Includes |
|----------------|---|-----------------|-----------|--|--|--------------------------|---------------------------|--|
| | | | | (F) | (C) | (psi) | (kPa) | |
| TP9600A1007/U | Direct Acting | 2 | Single | 59 F to 90 F | 15 C to 32 C | — | — | Cover, Setpoint, and Thermometer are Visible |
| TP9600B1006/U | Reverse Acting | 2 | Single | 59 F to 90 F | 15 C to 32 C | — | — | Cover, Setpoint, and Thermometer are Visible |
| TP9603A1001/U | Direct Acting | 2 | Single | 59 F to 90 F | 15 C to 32 C | — | — | Blank Cover, Setpoint, and Thermometer are Not Visible |
| TP9610A1006/U | Direct Acting | 2 | Day/Night | Day: 59 F to 90 F, Night: 50 F to 75 F | Day: 15 C to 30 C, Night: 10 C to 27 C | Day 13 psi, Night 18 psi | Day 90 kPa, Night 124 kPa | Cover, Setpoint, and Thermometer are Visible |
| TP9620A1005/U | Direct Acting Heating, Reverse Acting Cooling | 2 | Single | 60 F to 90 F | 16 C to 32 C | Heat 18 psi, Cool 13 psi | Heat 124 kPa, Cool 90 kPa | Cover, Setpoint, and Thermometer are Visible |
| TP9630A1004/U | Direct Acting | 1 or 2 | Single | 60 F to 90 F | 16 C to 32 C | — | — | Cover, Setpoint, and Thermometer are Visible |
| TP9630B1003/U | Reverse Acting | 1 or 2 | Single | 60 F to 90 F | 16 C to 32 C | — | — | Cover, Setpoint, and Thermometer are Visible |

Pneumatic Controls