

# THERMOSTATS & CONTROLLERS

70°

## LINE-VOLTAGE THERMOSTAT

**T22, T25, T26, T46**

### DESCRIPTION

These **Johnson Controls** thermostats are designed for line-voltage control of residential, commercial, or industrial heating or year-round air conditioning. A liquid-charged temperature sensing element, highly efficient diaphragm, and lever provide precise temperature control. Anticipators are not required.

**Model T26** is a line-voltage thermostat for heating or cooling and includes horizontal mounting faceplate kit.

**Model T25** is a line-voltage two-stage thermostat. Applications include two stages of heating or cooling or auto changeover control of heating and cooling.

**Model T22** is a line-voltage thermostat with a system selector switch for off/auto or heat/off/cool operation.

**Model T46** is a line-voltage, heating, cooling or heating/cooling thermostat with integral system and fan switching. It is designed to control line-voltage fan coils or zone valves.



T46



T26



T25



T22



### FEATURES

- **Knob or concealed set point adjustment**
- **Line- or low-voltage control**
- **UL listing**
- **Mounts on standard single- or double-gang box**
- **Bimetal thermometer**
- **Ideal for fan coil applications**

### SPECIFICATIONS

<b>Thermostat Range</b>	40° to 90°F (5° to 30°C)	<b>Approvals</b>	UL Listed File #E6688/XAPX
<b>Mounting</b>	Separate mounting plate	<b>Weight</b>	1.30 lb (0.59 Kg)
<b>Sensing Element</b>	Liquid filled for positive trouble-free operation (anticipator not required)	<b>Warranty</b>	1 year
<b>Thermometer</b>	50° to 90°F (10° to 30°C), bimetal type may be field calibrated		

### ELECTRICAL RATINGS

#### T22, T25, T26, T46 Thermostats, (T26T-3, T22T) Heavy Duty Thermostat

Pilot Duty and Motor Ratings	120V	208V	240V	277V
AC full load amp	6 (8)	3.4 (8)	3 (8)	<b>T25-125</b> VA pilot duty
AC locked rotor amp	36 (48)	21 (48)	18 (48)	-
AC non-inductive amp	6.5 (10)	6.5 (10)	6.5 (10)	6.5 (10) not <b>T46</b> or <b>T25</b>

#### T46 System and Fan Switch Rating Only

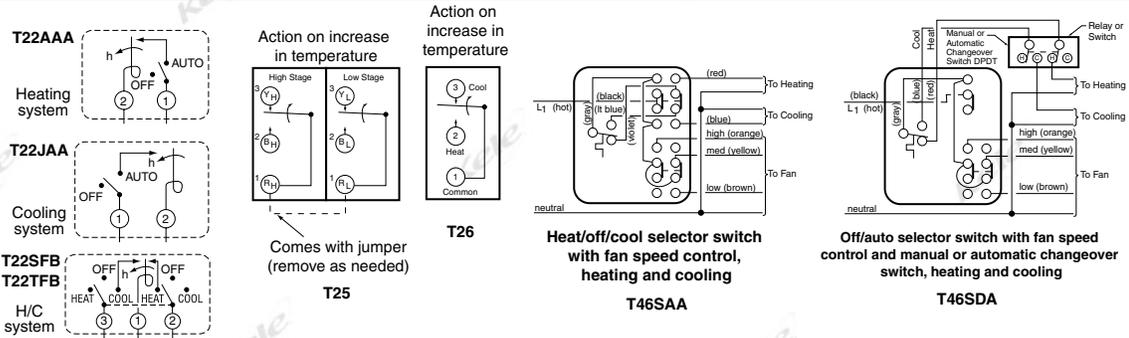
Switch Rating	120V	208V	240V	277V
AC full load amp	12	6.9	6	5.2
AC locked rotor amp	34.8	19.1	17.4	14.4

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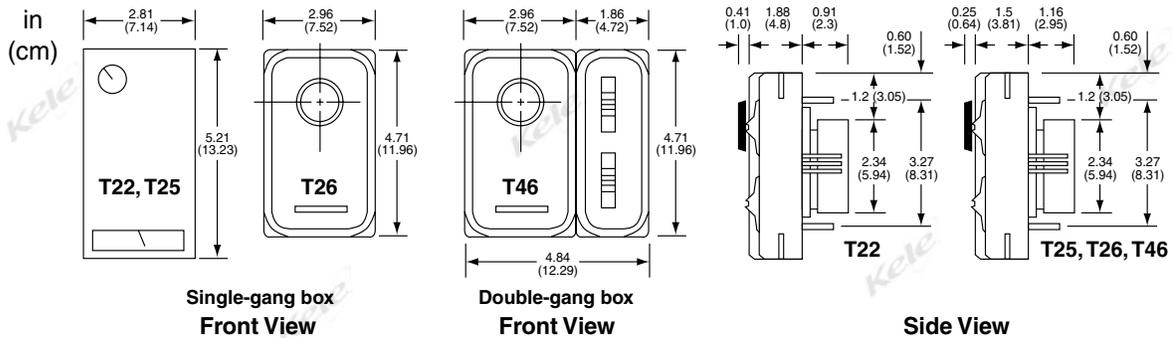
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## LINE-VOLTAGE THERMOSTAT T22, T25, T26, T46

### WIRING



### DIMENSIONS



### ORDERING INFORMATION

MODEL	ADJUSTMENT TYPE	APPLICATION	SELECTOR SWITCH	DIFFERENTIAL °F (°C)		WEIGHT lb (kg)
				HEATING	COOLING	
T46SDA-1	Knob	Heating or cooling SPDT	Off/Auto Low/Med/High	0.7 (0.4)	0.7 (0.4)	1.3 (0.59)
T46SAA-1	Knob	Heating and cooling SPDT	Heat/Off/Cool Low/Med/High	0.7 (0.4)	0.7 (0.4)	1.3 (0.59)
T26S-18*	Knob	Heating or cooling SPDT	None	1.75 (1.0)	2.25 (1.3)	1.0 (0.45)
T26T-3*	Knob	Heating or cooling SPDT, heavy-duty	None	3 (1.7)	3 to 4 (1.7 to 2.2)	1.0 (0.45)
T25A-1	Knob	Two-stage 2 SPDT switches, two-stage heating, cooling, or one-stage heating and one-stage cooling	None	1.75 (1.0)	2.25 (1.3)	1.5 (0.68)
T25A-16	Concealed			3 between stages (1.7)		1.5 (0.68)
T22AAA	Knob	Heating Only SPST	Off/Auto	0.7 (1)	N/A	1.3 (0.59)
T22JAA	Knob	Cooling Only SPST	Off/Auto	N/A	2.25 (1.3)	1.3 (0.59)
T22SFB	Knob	Heating and cooling SPDT	Heat/Off/Cool	1.75 (1)	2.25 (1.3)	1.3 (0.59)
T22TFB	Knob	Heating and cooling SPDT, Heavy Duty	Heat/Off/Cool	3 (1.7)	3 to 4 (1.7 to 2.2)	1.3 (0.59)

\*Includes faceplate for horizontal mounting. The plate is for on-the-job installation over a vertical plate. Field convert to other configurations.

PLT333-12R  
PLT333-3R

#### ACCESSORIES

**T26 and T46** vertical plate with no adjust knob and no thermometer  
**T26 and T46** vertical plate with thermometer and no adjust knob