

ECONOMY • LINE VOLTAGE

SINGLE OR DOUBLE POLE LINE VOLTAGE



S22/A-44



S22TP

MODEL	UPC #093319 PART #	TYPE	PACKAGING	COLOR	AMPS 120-240	AMPS 277	TEMP. RANGE
S22	19105	Single Pole Economy Model	Box (50 pcs.)	Ivory	22	18	40°F - 90° F
S22W	19106	Single Pole Economy Model	Box (50 pcs.)	White	22	18	40°F - 90° F
S22R	19080	Single Pole Economy Model	Clamshell* (10 pcs.)	Ivory	22	18	40°F - 90° F
S22W-R	19084	Single Pole Economy Model	Clamshell* (10 pcs.)	White	22	18	40°F - 90° F
S22A	18181	Single Pole Anticipated Economy Model	Box (50 pcs.)	Ivory	22	18	40°F - 90° F
S22A-W	19107	Single Pole Anticipated Economy Model	Box (50 pcs.)	White	22	18	40°F - 90° F
S22C	19123	Single Pole Cooling Thermostat	Box (50 pcs.)	Ivory	22	18	40°F - 90° F
S22C-W	19124	Single Pole Cooling Thermostat	Box (50 pcs.)	White	22	18	40°F - 90° F
S22TP	19117	Single Pole Tamperproof Model	Box (50 pcs.)	Ivory	22	18	40°F - 90° F
S22W-TP	19118	Single Pole Tamperproof Model	Box (50 pcs.)	White	22	18	40°F - 90° F
S22-COVER-I	19079	S22 Cover - ivory	Box (50 pcs.)	Ivory	N/A	N/A	N/A
S22-COVER-W	19077	S22 Cover - white	Box (50 pcs.)	White	N/A	N/A	N/A
D22	19108	Double Pole Economy Model	Box (50 pcs.)	Ivory	22	18	40°F - 90° F
D22W	19109	Double Pole Economy Model	Box (50 pcs.)	White	22	18	40°F - 90° F
D22R	19086	Double Pole Economy Model	Clamshell* (10 pcs.)	Ivory	22	18	40°F - 90° F
D22W-R	19088	Double Pole Economy Model	Clamshell* (10 pcs.)	White	22	18	40°F - 90° F
D22A	19095	Double Pole Anticipated Economy Model	Box (50 pcs.)	Ivory	22	18	40°F - 90° F
D22A-W	19100	Double Pole Anticipated Economy Model	Box (50 pcs.)	White	22	18	40°F - 90° F
D22-COVER-I	19091	D22 Cover - ivory	Box (50 pcs.)	Ivory	N/A	N/A	N/A
D22-COVER-W	19085	D22 Cover - white	Box (50 pcs.)	White	N/A	N/A	N/A
A-44	19120	240V Two Circuit Control Thermostat	Box (50 pcs.)	Ivory	44	38	40°F - 90° F

* a master pack of 4 - 10 packs is available (40 units total)

These economy thermostats are commonly used in apartment construction because of low initial cost. They have a temperature accuracy of $\pm 4^\circ\text{F}$. This means if you set the temperature to 70°F , the thermostat may turn off at 74°F then back on 66°F , producing an 8° swing. The anticipated models have a resistor that improves accuracy to $\pm 2.5^\circ\text{F}$.

The S22C is a cooling thermostat which closes on temperature rise to turn on a cooling fan.

The A44 model will run two circuits with one thermostat.

SPECIFICATIONS

Temperature Range: 40°F to 90°F (4°C to 32°C)
Display Format: 10° increments
Rate: 2 to 4 cycles
Accuracy: $\pm 2^\circ$ to 4°F
Power Source: 120 VAC, 208VAC - 240VAC, 277 VAC, 50 - 60Hz

FEATURES

- Save up to 10% on heating costs with anticipated models.
- Even temperature settings.
- Internal heater simulates room heater warming up space.
- Faster cycle rate reduces temperature swings.
- Classic styling.
- Apartment standard.
- Value leader.

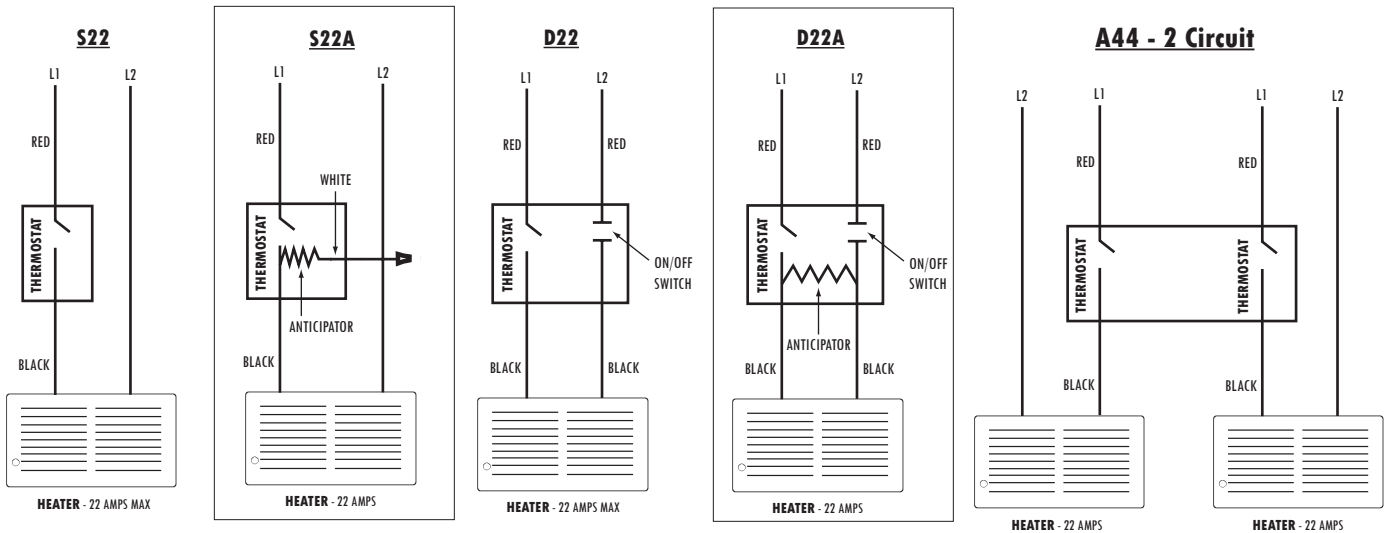
TECHNICAL

- 22 Amps at 240 Volts, 5280 Watts.
- Flexible wire leads.
- 40° to 90°F (4°C - 32°C) range.
- Bi-metal sensor.
- Vented cover design.
- Rigid cast zinc base.
- Rated 120/208/240/277 Volts.
- $\pm 4^\circ$ max.
- Snap action contacts.
- Timeless styling.
- For use on all types of heaters.

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WIRING DIAGRAMS



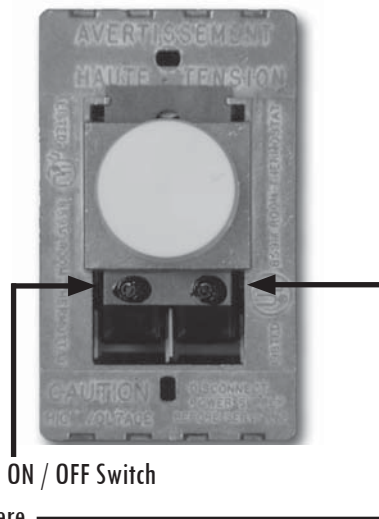
CALIBRATION ADJUSTMENT

S22
Single Pole



S22 calibration screw

D22
Double Pole



TO CHANGE CALIBRATION:

- Slotted screwdriver required
- *CLOCKWISE* to *DECREASE* maximum temperature setting of dial
- *COUNTERCLOCKWISE* to *INCREASE* maximum temperature setting of dial
- To prevent unwanted movement of calibration screw once set, place a drop of fingernail polish or glue on screw.

Note: Overtightening of mounting screws can twist base and alter calibration. To solve this loosen mounting screws.