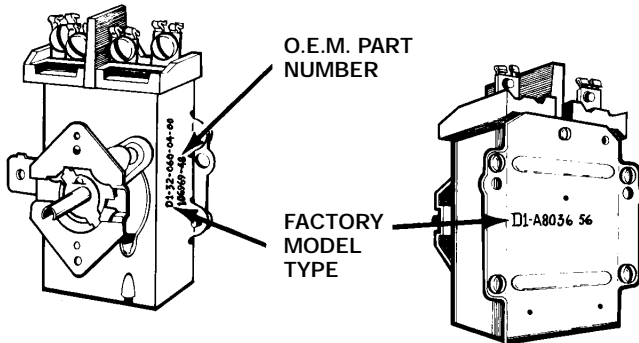


### IDENTIFICATION AND SELECTION GUIDE

## 5000 THROUGH 5140 SERIES

**STEP #1 DETERMINE FACTORY MODEL OR TYPE STAMPED ON CONTROL.**



**STEP #2 DETERMINE SWITCHING REQUIREMENTS:** Action and electrical rating. The following symbols are used where the wiring and contact actions are shown in this section.

SPST



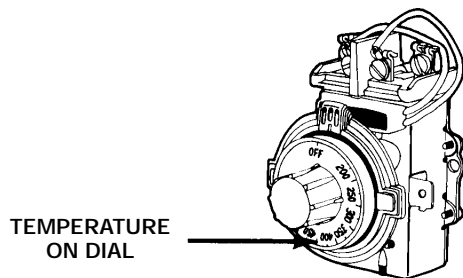
SINGLE POLE  
SINGLE THROW

DPST

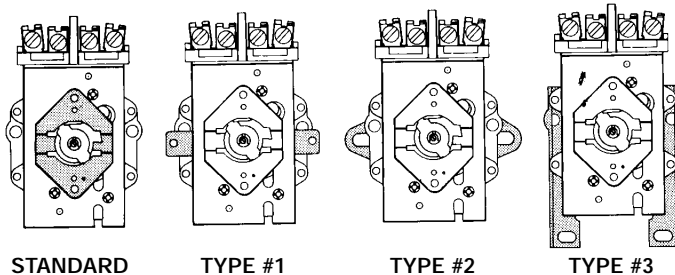


DOUBLE POLE  
SINGLE THROW

**STEP #3 DETERMINE TEMPERATURE RANGE.**

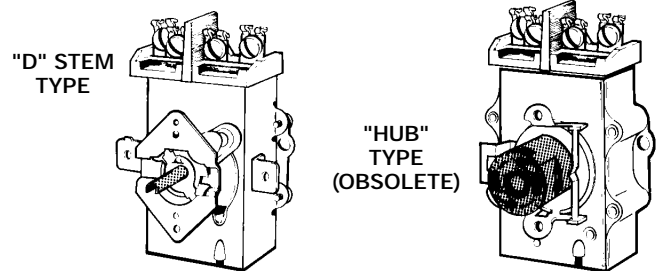


**STEP #4 MOUNTING METHOD - WHAT TYPE OF MOUNTING BRACKET.**

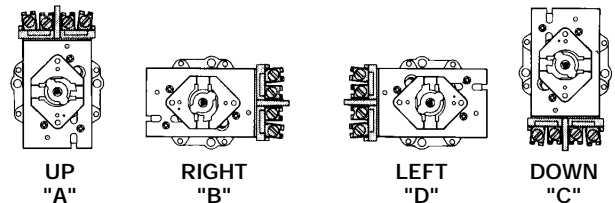


These brackets can be added to models with STANDARD or TYPE #1 mounting brackets. Parts are available separately. See "Parts & Accessories" section, or use brackets off of the old control.

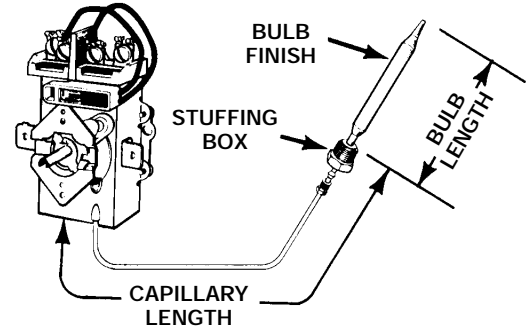
**STEP #5 DETERMINE DIAL SHAFT (STEM) TYPE.**



**STEP #6 DETERMINE TERMINAL POSITION: A, B, C OR D; UP, RIGHT, LEFT OR DOWN**



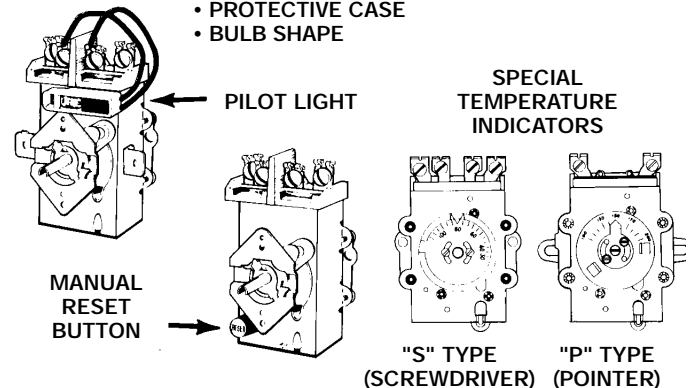
**STEP #7 TEMPERATURE SENSING ELEMENT.**



\* Replacement controls with "Nickel" referenced in ordering chart will be nickel plated for the first 30" of the diastat. EXAMPLE: Control with 36" capillary and 10" bulb = 16" of capillary will be non-plated.

**STEP #8 ANY SPECIAL FEATURES SUCH AS:**

- PILOT LIGHTS
- MANUAL RESET BUTTONS
- PROTECTIVE COATINGS (DIP SEAL)
- SPECIAL TEMPERATURE INDICATORS
- PROTECTIVE CASE
- BULB SHAPE



### 5000 (D1 & D1/D18)

The 5000 Series (Model D1/D18) thermostat is DPST, for A.C. operation. Models are available for direct acting (contacts open on temperature rise) and reverse acting (contacts close on temperature rise). All 5000 Series have a positive off feature. U.L. file number E12103.

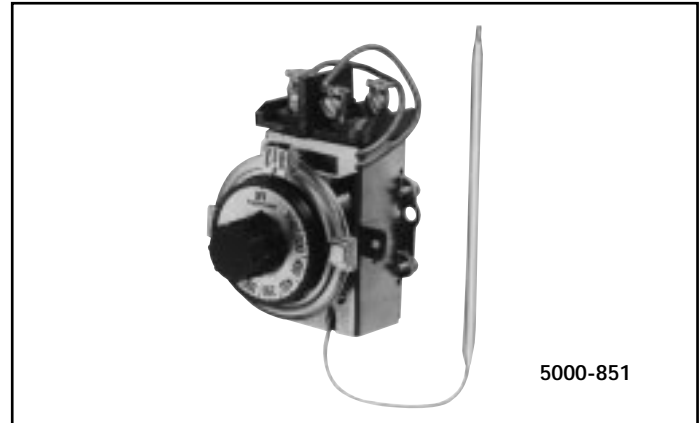
#### UNI-KITS®

The 5000 Series Uni-Kits, have the same features of the standard control, plus a Slip-Fit, 4-way dial, 4-way mount chrome bezel, and a 4-way mount pilot light. This allows the control to be mounted in any one of the four normal mounting positions.

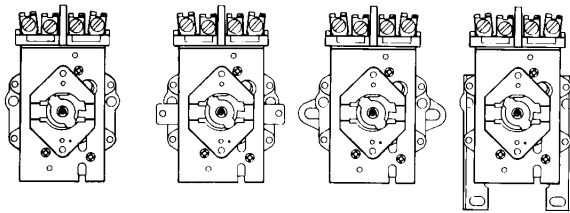
#### ELECTRICAL RATING

|              |   |
|--------------|---|
| MODEL D1/D18 | 10 amp 480 VAC per pole, resistive load     |
|              | 21 amp 480 VAC 2 poles, resistive load      |
|              | 30 amp 120-277 VAC per pole, resistive load |
|              | 30 amp 120-277 VAC 2 poles, resistive load  |
|              | 7.2 FLA 120-277 VAC                         |
|              | 42 LRA 120-277 VAC                          |
|              | 250 VA PD 120-277 VAC (pilot duty)          |

MAXIMUM AMBIENT TEMPERATURE 150°F



#### MOUNTING BRACKET TYPES



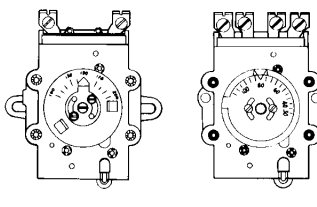
STANDARD

TYPE #1

TYPE #2

TYPE #3

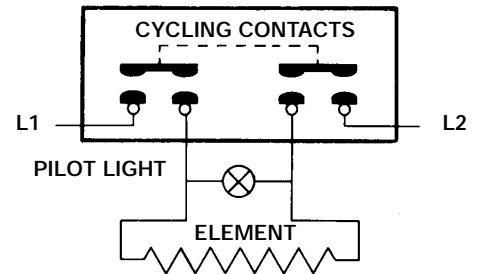
#### SPECIAL ADJUSTMENT TYPES



"P" TYPE  
(POINTER)

"S" TYPE  
SCREWDRIVER

#### WIRING - CONTACT ACTION CONTROL "OFF" - CONTACTS OPEN



#### POPULAR UNI-KIT MODELS

#### ORDERING DATA

| PROHEAT ORDER NO. | DIAL TEMP. RANGE | CAPILLARY LENGTH | BULB O.D. LENGTH & FINISH | PILOT LIGHT | DOUBLE PIECE | DIAL INCLUDED | MOUNTING BRACKET | MECHANICAL DIFFERENTIAL | MANUAL RESET | COMMENTS  |
|-------------------|------------------|------------------|---------------------------|-------------|--------------|---------------|------------------|-------------------------|--------------|-----------|
| D1/D18-03         | 0-100°F          | 60"              | 3/8" X 4-1/2"             | •           | •            | YES           | #1               |                         | NO           | STOCK     |
| D1/D18-02         | 60-250°F         | 60"              | 3/8" X 4-1/2"             | •           | •            | YES           | #1               |                         | NO           | STOCK     |
| 5300-614          | 60-250°F         | 60"              | 3/8" X 4-1/2"             | •           | •            | YES           | STD.             |                         | NO           | STOCK     |
| 5110-053          | 60-250°F         | 36"              | 3/8" X 4-1/2"             | •           | •            | YES           | #1               |                         | YES          | STOCK     |
| D1/D18-KV         | 100-550°F        | 72"              | 3/8" X 3-1/2"             | •           | •            | YES           | #1               |                         | NO           | STOCK     |
| D1/D18-09         | 100-550°F        | 48"              | 3/16" X 13"               | •           | •            | YES           | #1               |                         | NO           | STOCK     |
| 5000-360          | 100-550°F        | 84"              | 1/4" X 7-1/4"             | •           | •            | YES           | #1               |                         | NO           | NON-STOCK |
| D1/D18-Z          | 200-550°F        | 48"              | 3/8" X 3-1/2" ZINC        | •           | •            | YES           | STD              |                         | NO           | STOCK     |
| 5000-601          | 300-700°F        | 60"              | 3/16" X 13" NICKEL        | •           | •            | YES           | #1               |                         | NO           | NON-STOCK |