

Robertshaw. MECHANICAL WALL THERMOSTATS

400/405 SERIES HEATING AND COOLING THERMOSTATS

400/405 Series thermostats are **mercury free and environmentally safe**. Their unique hermetically sealed-in-glass switch design requires no leveling and provides optimum protection from contamination.

The basic 400/405 thermostat can be used as a heating only, cooling only, or zone system thermostat, depending upon how the subbase is wired.

The 400/405 Series thermostats, when used with the 490/495 Series Universal Switching Subbase, will replace most heating/cooling applications. Decorative Wall Plate is included with all models. It can be used to cover old thermostat mounting marks.

SPECIFICATIONS

Electrical rating	24 Volt, 30 VAC, 1.5 amp. max
Switch (SPDT) Heating	opens on temperature rise
Cooling	closes on temperature rise
Adjustable heat anticipation	.18 to 1.0 amp. std.
Fixed cooling anticipation	4700 ohms std.
Setting range	48 to 86°F
Thermometer range	44 to 96°F
Differential	2°F(nominal)
Dimensions	3-1/4" rounded square, 1-1/2" deep with subbase 3-5/8" high



ORDERING DATA

UNI-LINE ORDER NO.	FACTORY NUMBER	DIAL TEMP. RANGE	SWITCH ACTION	APPLICATION	HEAT ANTICIPATION RANGE	COMMENTS
400-400	34-074-150	48 TO 86°F	SPDT	24 VOLT HEAT/COOL	.18 TO 1.0 AMPS	NO SUBBASE INCLUDED
400-402	34-584-150			ELECTRIC HEAT/COOL	.5 TO 1.5 AMPS	NO SUBBASE INCLUDED
400-403	34-464-159	39 TO 75°F		24 VOLT HEAT/COOL	.18 TO 1.0 AMPS	LO-TEMP DIAL RANGE
400-404	34-703-524	48 TO 86°F		ELECTRIC HEAT/COOL	2.0 AMPS (FIXED)	NO SUBBASE INCLUDED
400-420†	34-467-750	48 TO 86°F	SPDT	UNIVERSAL HEATING/COOLING REPLACEMENT	.18 TO 1.0 AMPS	INCLUDES 490-400 UNIVERSAL SUBBASE
400-421 ■	34-587-750			.5 TO 1.5 AMPS		

DESIGNER WHITE MODELS

405-420•	34-959-5B2	48 TO 86°F	SPDT	UNIVERSAL HEATING/COOLING REPLACEMENT	.18 TO 1.0 AMPS	INCLUDES 495-400 UNIVERSAL SUBBASE
405-421★	34-969-5B2				.5 TO 1.5 AMPS	

• Also available in multiples of 100. Order 405-42K (bulk pack, no wall plate).
† Also available in multiples of 100. Order 400-42K (bulk pack, no wall plate).

■ Also available in multiples of 100. Order 400-42A (bulk pack, no wall plate).
★ Also available in multiples of 100. Order 405-42A (bulk pack, no wall plate).

REPLACEMENT SUBBASES

ORDERING DATA

UNI-LINE ORDER NO.	FACTORY NUMBER	SYSTEM SWITCH FUNCTIONS	FAN SWITCH FUNCTIONS	APPLICATION	COMMENTS
490-400†	SB-4A-5AJ	HEAT-OFF-COOL	AUTO-ON	UNIVERSAL	FIELD ADAPTABLE WIRING ALLOWS CONVERSION TO MOST APPLICATIONS
490-416*	SB-4A-11A	HEAT-OFF-COOL	AUTO-ON	GAS OR ELECTRIC HEAT/COOL	HEATING FAN RELAY REQUIRED SEPARATELY
490-421*	SB-4A-12	HEAT-OFF-COOL	AUTO-ON	HEAT/COOL	EXACT REPLACEMENT FOR BRYANT, DAY/NIGHT & PAYNE P/N 34427D034
490-422	SB-4D-1	HEAT-COOL	—		EXACT REPLACEMENT FOR TROL-A-TEMP SB-1 (400-002-016)

DESIGNER WHITE MODELS

495-400	SB-4A-5AJ	HEAT-OFF-COOL	AUTO-ON	UNIVERSAL	FIELD ADAPTABLE WIRING ALLOWS CONVERSION TO MOST APPLICATIONS
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† Will also replace Carrier P/N HH93Y2094 * No longer a stock item - 100 lot purchase required.