



REFRIGERATION

RANCO®



O10-1409
with Coil Capillary



O10-1418
with Air Coil

TEMPERATURE CONTROLS - WIDE RANGE

O Series

The Ranco® Wide Range O Series Temperature Controls provide a wide selection of controls customized to allow users exact adjustments within manufacturers' limits.

The Ranco O Series features heavy-duty plated steel frames, non-conductive covers with front-located captive cover screws, raised screw terminals for fully accessible wiring, and large easy-to-read scales.

Recognizing the need for flexibility in design of refrigeration equipment, these controls offer a wide selection for such products as self-contained refrigerators, freezers, coolers, walk-in units, and refrigeration display cases.

Features and Benefits

- Maximum adjustment accuracy with 7 revolution range adjustment screws
- NEMA 1 enclosure with non-conductive cover
- Universal mounting and compact design
- Laser-welded bellows for extended life
- Wide range adjustable differential

The O60 Series have these additional features:

- 10 times setting sensitivity of most other wide range controls (O60 series only)
- Gas-filled, nonposition-sensitive bulb (O60 series only)
- Cap included on all Australia temperature controls. Optional for all other regions.





Specifications

Part Numbers	Description	Switch	Temperature Range	Differential	Capillary Length	Bulb/Coil	Replaces
010-1408 (NA)	Low Temperature Control	SPST	-15°F to 40°F (-26.11°C to 4.4°C)	3°F to 20°F (-16.11°C to -6.67°C)	72" (182.88cm)	Remote	
010-1409 (NA)	Medium Temperature Control	SPST	0°F to 55°F (-17.78°C to 12.78°C)	3°F to 20°F (-16.11°C to -6.67°C)	72" (182.88cm)	Remote	
010-1410 (NA)	High Temperature Control	SPST	25°F to 75°F (-25°C to 23.88°C)	3°F to 20°F (-16.11°C to -6.67°C)	72" (182.88cm)	Remote	
010-1416 (NA)	Medium Temperature Control	SPST	0°F to 55°F (-17.77°C to 12.78°C)	3°F to 20°F (-16.11°C to -6.67°C)	72" (182.88 cm)	Cross Ambient	
010-1418 (NA)	Medium Temperature Control	SPST	0°F to 55°F (-17.77°C to 12.78°C)	3°F to 20°F (-16.11°C to -6.67°C)	Air Coil	Remote	
060-100 (NA)	Extra Low-Wide Range Temperature Control	SPDT	-35°F to 95°F (-37.22°C to 35°C)	4°F to 50°F (-15.55°C to 10°C)	96" (243.84cm)	3/8" x 6" Cross Ambient	
016-930 (ANZ)	Extra Low Temperature Control	SPDT	-34°C to 32°C (-29.2°F to 89.6°F)	2°C to 28°C (35.6°F to 82.4°F)	1.8m (5.90')	Cross Ambient with Capillary and Bulb 9.5mm diameter x 152mm length	016-6930 016-641
016-950 (ANZ)	Extra Low Temperature Control	SPDT	-35°C to -7°C (-31°F to 19.4°F)	1.7°C to 12°C (35.06°F to 53.6°F)	2m (6.56')	Cross Ambient with capillary and coiled end 9.5mm diameter x 38mm length	016-6950 016-639
016-951 (ANZ)	Low Temperature Control	SPDT	-18°C to 13°C (-0.4°F to 55.4°F)	1.7°C to 12°C (35.06°F to 53.6°F)	1.8m (5.90')	Cross Ambient with capillary and coiled end 9.5mm diameter x 38mm length	016-636 016-6951
016-954 (ANZ)	Medium Temperature Control	SPDT	-5°C to 25°C (23°F to 77°F)	1.7°C to 12°C (35.06°F to 53.6°F)	2m (6.56')	Cross Ambient with capillary and coiled end 9.5mm diameter x 38mm length	016-6954 016-637
016-980 (ANZ)	Low Temperature Control	SPDT	-18°C to 13°C (-0.4°F to 55.4°F)	1.7°C to 12°C (35.06°F to 53.6°F)	2m (6.56')	Cross Ambient with Capillary and Bulb 12.7mm diameter x 102mm length	016-6980 016-640
016-981 (ANZ)	Medium Temperature Control	SPDT	-5°C to 25°C 23°F to 77°F	1.7°C to 12°C (35.06°F to 53.6°F)	1.8m (5.90')	Cross Ambient with Capillary and Bulb 14.5mm diameter x 140mm length	016-6981 016-642
016-900 (ANZ)	Low Temperature Control	SPDT	-18°C to 13°C (-0.4°F to 55.4°F)	4°C to 30°C (39.2°F to 86°F)	2m (6.56')	Cross Ambient with capillary and coiled end 9.5mm diameter x 38mm length	016-8900 016-643
016-983 (ANZ)	High Temperature Control	SPDT	10°C to 40°C (50°F to 104°F)	1.7°C to 12°C (35.06°F to 53.6°F)	1.8m (5.90')	Cross Ambient with Capillary and Bulb 14.5mm diameter x 140mm length	016-6983 016-644