



TEMPERATURE CONTROLS -COLD CONTROLS

A22, A30 and 9530 Series - Constant Differentials

The Ranco® A22, A30 and 9530 Series Constant Differential Temperature Controls are designed to switch electrical components of refrigeration systems in response to sensed temperatures.

⚠ WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects, or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

Features and Benefits

- Laser-welded stainless steel bellows
- Fixed or adjustable temperature settings
- High-amperage contacts
- Pneumatic action provided by vapor-filled capillary or capillary with bulb sensing elements
- Constant On or Off positions available
- Choice of mounting brackets, adjustment ranges and cams, and slotted or flatted shafts
- Standard 1/4" quick-connect terminals with optional screw terminals



A30-2210

Specifications

Part Numbers	Description	Switch	Off Position	Cold Off	Cold On	Normal Off	Normal On	Warm On	Differential	Capillary Length
A22-391	Adaptable Constant Differential Control	SPDT	No	11°F (-11°C)	19°F (-7°C)	27°F (-2°C)	35°F (1°C)	51°F (10°C)	8°F (-13°C)	66"
A22-1112	Adaptable Constant Differential Control	SPST	No	25°F (-3°C)	30°F (-1°C)	34°F (1°C)	39°F (3°C)	44°F (6°C)	5°F (-15°C)	72"
A22-1129	Ice Bin Level and Harvest Control	SPDT	NA	NA	NA	35°F (1°C)	51°F (10°C)	NA	6°F (-14°C)	48"
A30-180	Adaptable Constant Differential Control	SPST	Yes	-4°F (-20°C)	9°F (-12°C)	9°F (-12°C)	22°F (-5°C)	38°F (3°C)	13°F (-10°C)	42"
A30-182	Constant Differential Control	SPST	Yes	0.5°F (-17.5°C)	5.5°F (-14°C)	16°F (-8°C)	22°F (-5.5°C)	30°F (-1°C)	6°F (-14°C)	42"
A30-260	Adaptable Constant Differential Control	SPST	Yes	0.5°F (-17.5°C)	5.5°F (-14°C)	16°F (-8°C)	22°F (-5.5°C)	30°F (-1°C)	6°F (-14°C)	72"
A30-261	Adaptable Constant Differential Control	SPST	Yes	32°F (0°C)	38°F (3.3°C)	NA	NA	61°F (16°C)	6°F (-14°C)	84"
A30-262	Adaptable Constant Differential Control	SPST	Yes	0.5°F (-17.5°C)	23°F (-5°C)	11°F (-11°C)	33.5°F (0.83°C)	47°F (8°C)	22.5°F (-5°C)	84"
A30-263	Adaptable Constant Differential Control	SPST	Yes	-24°F (-31°C)	NA	-3°F (-19°C)	5.5°F (-14°C)	20.5°F (-6°C)	8.5°F (-13°C)	84"
A30-301	Adaptable Constant Differential Control	SPST	No	-24°F (-31°C)	NA	-3°F (-19°C)	5.5°F (-14°C)	20°F (-6°C)	8.5°F (-13°C)	84"
A30-313	Constant Differential Control	SPST	Yes	-20°F (-28°C)	NA	-10°F (-23°C)	2°F (-16°C)	21°F (-6°C)	8°F (-13°C)	42"
A30-2209	Constant Differential Control with Dial	SPST	Yes	35°F (1.5°C)	NA	36.5°F (2.5°C)	44.5°F (6.9°C)	NA	8°F (-13°C)	48"
A30-2210	Constant Differential Control with Dial	SPST	Yes	12°F (-11°C)	NA	16°F (-8°C)	40°F (4.4°C)	43°F (6°C)	24°F (-4.4°C)	48"
A30-2311	Fixed	SPST	NA	NA	NA	30°F	56°F	NA	26°F	30"
9530N814	Constant Differential Control with Dial	SPST	Yes	12°F	NA	16°F	40°F	43°F	24°F	30"