

Date: September 17, 1986

MODELS: All Dixie-Narco Can/Bottle Venders  
Aseptic Venders  
Serpentine Venders

SUBJECT: New Type Temperature Control  
Ranco - Type K12-L1535 to replace Ranco - Type A12-1558

REASON: To establish another source of supply.

BEGINNING SERIAL NUMBER: 0001-2907 - June, 1986  
However, Dixie-Narco will continue to use the  
Cutler Hammer also.

TEMPERATURE CONTROL  
ALTITUDE ADJUSTMENT:

Control is factory set at altitude of 500 ft. For higher altitudes, control should be adjusted to prevent freeze-up of product. Adjust inside range screw as follows:

Altitude Ft:	Ranco	Ranco	Cutler-Hammer
	A12-1558	K12-L1535	9531N272 - 9531N222
	<u>Screw Clockwise</u>	<u>Screw Clockwise</u>	<u>Counter-Clockwise</u>
2000	1/4 Turn	1/4 Turn	1/8 Turn
4000	1/2 Turn	5/8 Turn	1/4 Turn
6000	3/4 Turn	1 Turn	1/2 Turn
8000	1 Turn	1 3/8 Turn	5/8 Turn

**This is a "Constant Cut In" type of control which has two (2) adjustments: They are:**

1. The outside range screw knob.
- 2a. The inside range (Altitude) screw - a single screw for Ranco
- b. The inside range (Altitude) screws - 2 screws for Cutler-Hammer.

The differential screw MUST NOT BE ADJUSTED.

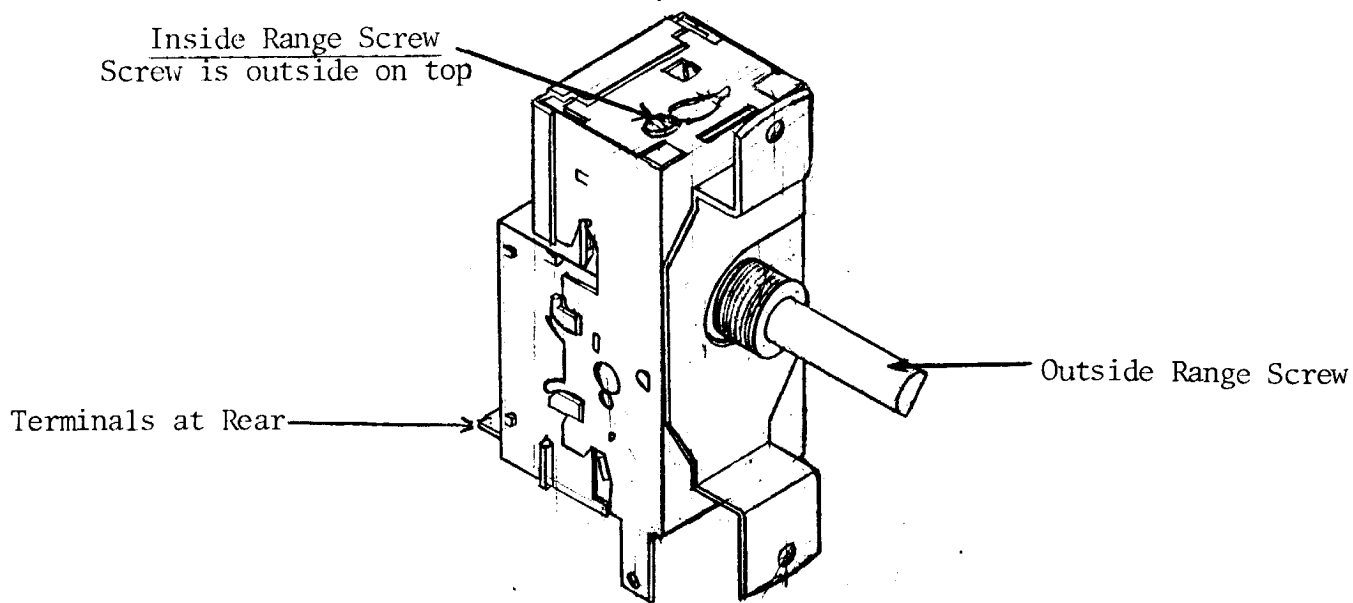
**As to No. 1 Adjustment:** (Outside Range)

The temperature control cam is set in an approximate neutral position. It can be used to make cut out temperature colder by turning the cam clockwise - or - to make the cut out temperature warmer by turning the cam counter clockwise. When the cam is used the cut in temperature (which governs the defrost) remains constant.

**As to No. 2 Adjustment:** (Inside Range)

The inside range screw or screws are used for the altitude adjustment, see altitude below. This screw adjusts both the cut out and cut in settings on the RANCO. It may also be used for colder temperatures by turning the screw counter clockwise or warmer by turning screw clockwise.

On the Cutler Hammer there are two (2) screws provided, one (1) for cut in and one (1) for cut out, both must be adjusted for altitude corrections. For temperature adjustment, turn screws clockwise for colder and counter clockwise for warmer. When adjusting for temperature **DO NOT TURN** more than 1/8 of a turn at a time. Let the machine run over night before making further adjustment.



RANCO

Fig. 1