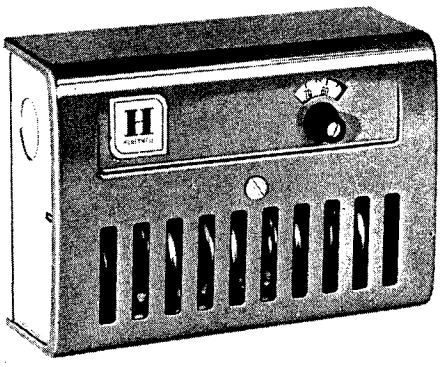
Specification Data

Minneapolis-Honeywell Regulator Company

MINNEAPOLIS 8, MINNESOTA • TORONTO 17, ONTARIO

T631C AIRSWITCH* CONTROLLER



application: The T631C Airswitch Controller is a line-voltage thermostat for temperature control of heating or ventilating equipment in warehouses, garages, florists' cabinets, etc.

construction: The T631C has a corrosion-resistant steel case. Temperature sensing is accomplished by a coiled capillary element which is protected on all sides by the case. Slots in the front and top of the cover give maximum airflow across the element. Switching is performed by a spdt enclosed MICRO SWITCH* snap-acting switch. Set point adjustment is made with a knob which extends through the front cover. Conduit knockouts are provided for line-voltage electrical access on both sides and the back of the case.

specifications:

MODEL: T631C Airswitch Controller.

SWITCHING ACTION: spdt, makes R-W on temperature rise; makes R-B on temperature fall.

ELECTRICAL RATINGS:

Voltage	120 v ac	240 v ac
Full Load	7.4 amp	3.7 amp
Locked Rotor	44.4 amp	22.2 amp
Resistance Load (Not Incandescent)	10 amp	5 amp

2 amp at 24v ac (Full load)

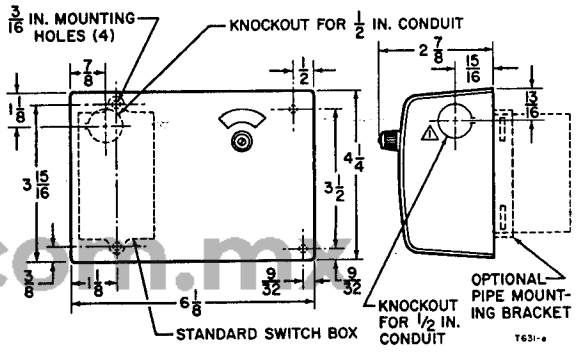
RANGE AND DIFFERENTIAL: Differential non-adjustable.

Range	Differential
70 to 140 F	2 deg F
35 to 100 F	2 deg F
—10 to 60 F	3 deg F
20 to 90 F	3 deg F
—10 to 30 C	1⅔ deg C
—20 to 60 C	1⅔ deg C

FINISH: Gray.

DIMENSIONS: See Fig. 1.

typical operation: In ventilating applications, the T631C makes R-W on a rise in temperature, energizing the ventilating equipment. In heating applications, the T631C makes R-B on a fall in temperature, energizing the heating equipment.



1 Knockout on each end.

Fig. 1—Approximate Dimensions in Inches.

ACCESSORIES: Bag Assembly #7640HF for Post Mounting (3 to 6 in. diameter post).

WHEN SPECIFYING, INDICATE:

1. Model number.
2. Range.
3. Bag Assembly #7640HF (if desired).

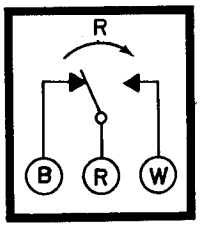


Fig. 2—Switching Action.

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