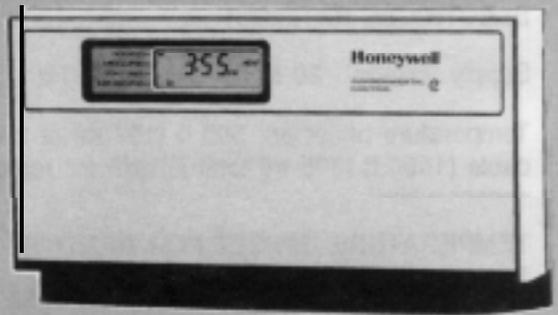


# Honeywell

THE **T7300** IS A PROGRAMMABLE THERMOSTAT FOR COMMERCIAL SINGLE ZONE HEATING, VENTILATING, AND AIR CONDITIONING (HVAC) EQUIPMENT. THE **T7300** DIRECTLY REPLACES MOST SINGLE STAGE AND MULTISTAGE THERMOSTATS TO IMPROVE CONTROL, PROVIDE SIGNIFICANT ENERGY SAVINGS AND INCREASE USER CONVENIENCE.

- Seven-day flexible programming
- Full feature Liquid Crystal Display
- Proportional plus Integral (**P+**) control
- Intelligent Recovery™
- Intelligent Fan™
- Concealed keyboard lockout switch and locking cover
- Automatic heat/cool changeover
- Q7300 switching** subbases
- Built-in HVAC equipment protection (with minimum on and off times)
- Three-hour override of unoccupied program
- Continuous unoccupied key
- Comfort adjust feature
- Battery backup
- Optional remote sensor and **override** capability (with remote annunciation)
- 24 Vac, 50/60 Hz power supply

## PROGRAMMABLE COMMERCIAL THERMOSTAT



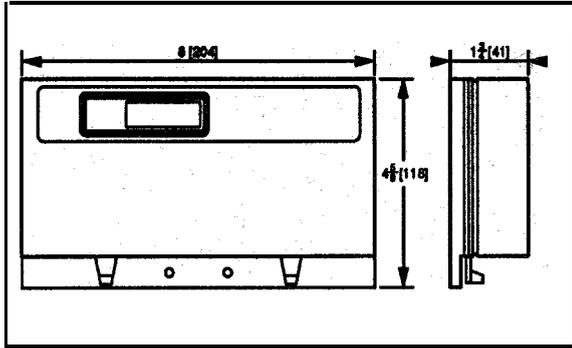
## T7300/Q7300

# SPECIFICATIONS

## MOUNTING:

Q7300 subbase - two No. 6x32 screws (provided).

## DIMENSIONS:



T7300/Q7300

## ELECTRICAL RATINGS:

Supply voltage - 20 to 30 Vac, 50/60 Hz

Temperature offset per 500 ft [157 m] of 2-wire cable (1000 ft [305 m] total length) for remote sensor wires.

## TEMPERATURE OFFSET FOR REMOTE SENSOR WIRING:

Temperature	18 AWG	20 AWG	22 AWG
50-90°F	-0.4°F	-0.7°F	-1.0°F
10-32°C	-0.3°C	-0.4°C	-0.6°C

## SYSTEM CURRENT DRAW:

T7300 thermostat and Q7300 subbase: 6 VA maximum at 30 Vac, 50 or 60 Hz.

## OUTPUT RELAY DRAW AT 30 Vac:

RELAY	RUNNING	INRUSH
	AMPS (MAX.)	AMPS (MAX.)
Fan(G)	1.6	3.5
Heat	1.6	3.5
Cool	1.6	7.5
Auxiliary (Economizer)	1.6	3.5

## TEMPERATURE RATINGS:

Ambient-T7300 thermostat and Q7300 subbase: 40°F to 110°F [4°C to 43°C].

Shipping-T7300 thermostat and Q7300 subbase: -30°F to +150°F [-34°C to +65°C].

## HUMIDITY RATINGS:

T7300 thermostat and Q7300 subbase: 5% to 90% RH, non-condensing.

## SETPOINT RANGES:

Default Setpoints (temperature setpoints built into the thermostat). If operating setpoints are not set, or if memory is lost due to an extended power outage, the T7300 will function with the following default setpoints:

	OCCUPIED		UNOCCUPIED	
	°F	°C	°F	°C
Heating	68	20	55	13
Cooling	78	26	90	32

Programmable Setpoint Ranges  
 Degrees F selected-45°F to 95°F  
 Degrees C selected-7°C to 35°C

Clock Accuracy-plus or minus one minute per month.

## MINIMUM STAGE OPERATION TIMES (minutes):

	ON	OFF
Conventional Heat	2	2
Compressor	2	4

Temperature Display Accuracy-plus or minus 1°F [1°C].

## BATTERY BACKUP:

Up to 60 hours with fresh 9 volt alkaline battery, Mallory **MN11604™** or equivalent.