

# Robertshaw®

# 300-201

DIGITAL  
NON-PROGRAMMABLE  
THERMOSTAT



GAS



ELECTRIC

1 Heat / 1 Cool

## Thin is In

The Robertshaw 300-201 represents a new level of sophistication and elegance in a compact package. Occupied and unoccupied modes are controlled with the touch of a button or automatically through a pair of remote clock terminals.

This space saving unit offers advanced control capabilities such as Auto Changeover for constant comfort, independent circuit switching control and remote indoor or outdoor sensors.

When you select a Robertshaw thermostat, you've made the choice of an industry partner that's been making quality products for over 100 years.

## Features and Benefits

### Contemporary Design

Compliments any décor.

### Large Digital Display

Makes viewing and setting the temperature easy and accurate.

### Auto Changeover

Automatically switches into heat or cool mode. Prevents having to manually change system from heat to cool.

### Occupied/Unoccupied Mode

Allows different settings for day and night at the touch of a button.

### Remote Clock Terminals

Allows for automatic setback to occupied and unoccupied modes.

### Automatic Compressor Short Cycle Protection

A system safeguard. Reduces wear and tear of HVAC equipment.

### Lockable Keypad and Front Cover

Two levels of security against unwanted tampering.

### Remote Sensor Capable

Connects to optional remote indoor or outdoor sensors for optimal comfort.



Technical service available:

1-800-445-8299

M-F 7:30 a.m. - 5:30 p.m. CST

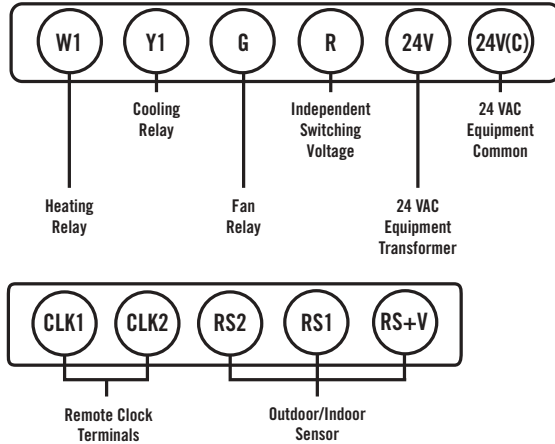


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## Terminal Designations



THE ROBERTSHAW 300-201 REPLACES:

Honeywell, Inc.\*

T7100D

\* Verify specific application requirements before substitution.



Optional Remote Sensors:

INDOOR    OUTDOOR  
10-528    10-529

## Shipping Information

Indiv. Ctn. Dim.: 4.75" x 6" x 1.75"  
Master Ctn. Qty.: 20  
Master Ctn. Dim.: 10" x 6.25" x 17.5"  
Master Ctn. Cu. Ft.: .64  
Master Ctn. Wt.: 13 lbs.  
Max. Pallet Qty.: 1120  
Max. Pallet Wt.: 770 lbs.

Item 10-528 & 10-529 Remote Sensors

Indiv. Ctn. Dim.: 4.75" x 6" x 1.75"  
Master Ctn. Qty.: 40  
Master Ctn. Dim.: 10" x 12.5" x 17.5"  
Master Ctn. Cu. Ft.: 1.28  
Master Ctn. Wt.: 14 lbs.

## Specifications

**Electrical rating:** 24 Volt AC (20-30 VAC)  
0.05 amp - 0.75 amp per output  
3 Amp total maximum load (all terminals combined)  
**Temperature control range:**  
**Heating:** 38° - 88°F (5° - 30°C)  
**Cooling:** 60° - 108°F (16° - 40°C)  
**Accuracy:** +/-1°F at 68°F (0.5°C at 20°C)  
**Auto-changeover deadband:** 2°F (1°C)  
**Temporary temperature override:** 3 hours maximum  
**Remote sensor capable:** Up to 6 remote sensors  
**System configuration:** Single stage gas, oil or electric heating / cooling systems.

## Other Single Stage Heat / Cool Thermostats

9100: Mercury-Free Mechanical  
9200: Mercury-Free Deluxe Mechanical  
9500: Digital, Non-Programmable  
9600: Programmable, 5-2 Day  
9610: Programmable, 7 Day  
9700: Deluxe Programmable, 7 Day  
300-206: Digital, Non-Programmable  
300-225: Deluxe Programmable, 7 Day

## Architectural / Engineering Specification

The thermostat shall be a Robertshaw Model 300-201 or equivalent. The thermostat shall have a day/night button to cycle the thermostat between occupied and unoccupied periods. The thermostat shall be equipped with remote clock terminals to allow for automatic cycling between the occupied and unoccupied periods.

It shall be capable of operating with standard 24 VAC gas, oil or electric heating and/or electric single stage heating /cooling systems. The thermostat shall have an electrical rating of 0.75 amp maximum load per terminal, 2.25 amp total maximum load for all terminals combined. The thermostat shall have relay outputs for standard 24 VAC control.

The thermostat shall have automatic changeover capability to allow the thermostat to determine whether the heating or cooling program should be used to control room temperature.

The keypad and case shall have an integral lock to prevent tampering and/or the altering of the program. The switching voltage shall be independent of the heating and cooling system transformer. The thermostat will provide remote sensor capability for up to six temperature sensors (including main thermostat sensor). The thermostat shall be equipped with a 5-minute delay on break for compressor short cycle protection during cooling operation to prevent compressor damage.



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