SIEMENS

RAA Series Room Thermostats

Product Numbers

RAA10C
RAA10CW
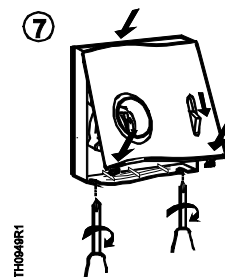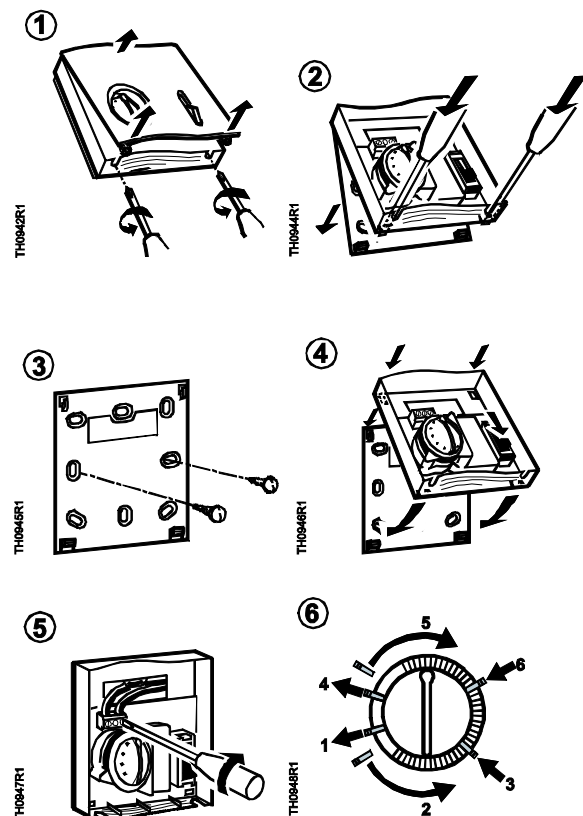RAA20U
RAA20UW

Required Tools

- Flat-blade screwdriver
- Wire strippers
- Level
- Electric drill

Expected Installation Time

30 minutes

Installation

ARG70 Wall Plate Adapter

NOTE: An ARG70 Wall Plate Adapter is required to mount an RAA… Thermostat to a 2 × 4 electrical wall box to meet UL and cUL requirements.
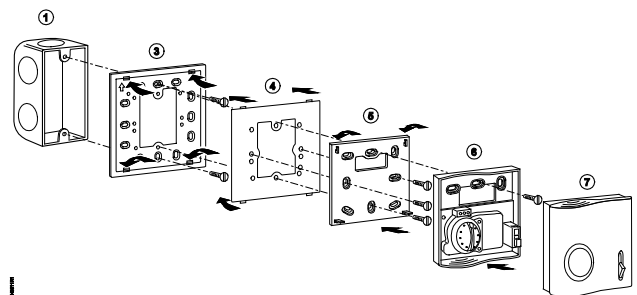

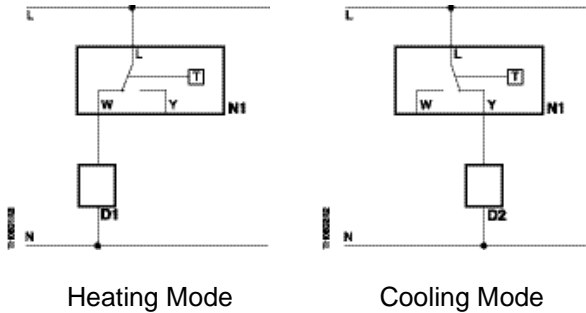**Figure 1. 2 × 4-inch Electrical Wall Plate Installation.**

1	Electrical wall box	5	Sub-base
3	Wall plate adapter *	6	Thermostat base
4	Adapter mask *	7	Thermostat cover

* Included with ARG70

The installation is now complete.

Wiring Diagrams

RAA10… and RAA20…

Heating Mode   Cooling Mode

D1 Heating device   N1 Room thermostat
D2 Cooling device   T Thermal switch
L Operating voltage   W Heating control output
N Neutral   Y Cooling control output

Figure 2. Wiring Diagrams.
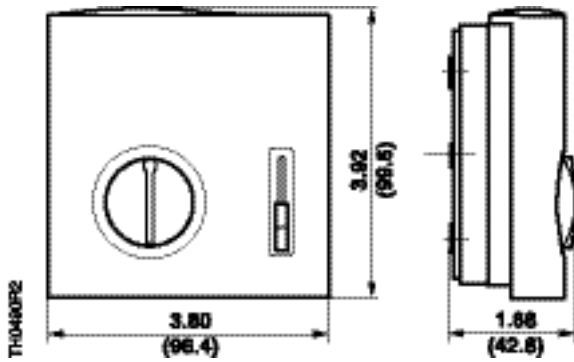
Dimensions

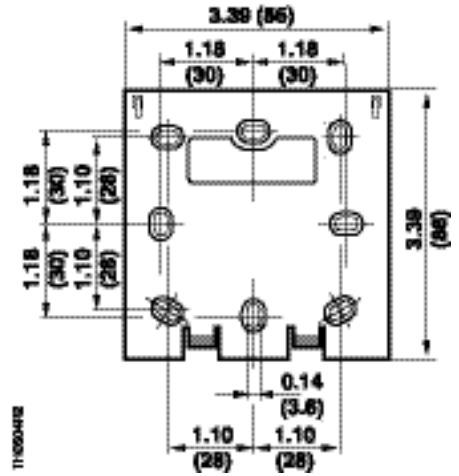**Figure 3. Dimensions in Inches (Millimeters).**

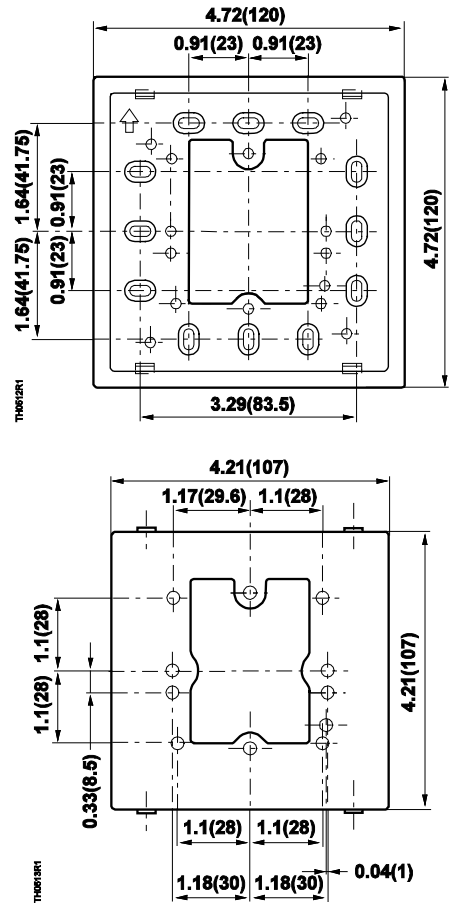**Figure 4. Base Plate Dimensions in Inches (Millimeters).**

Figure 5 ARG70.

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