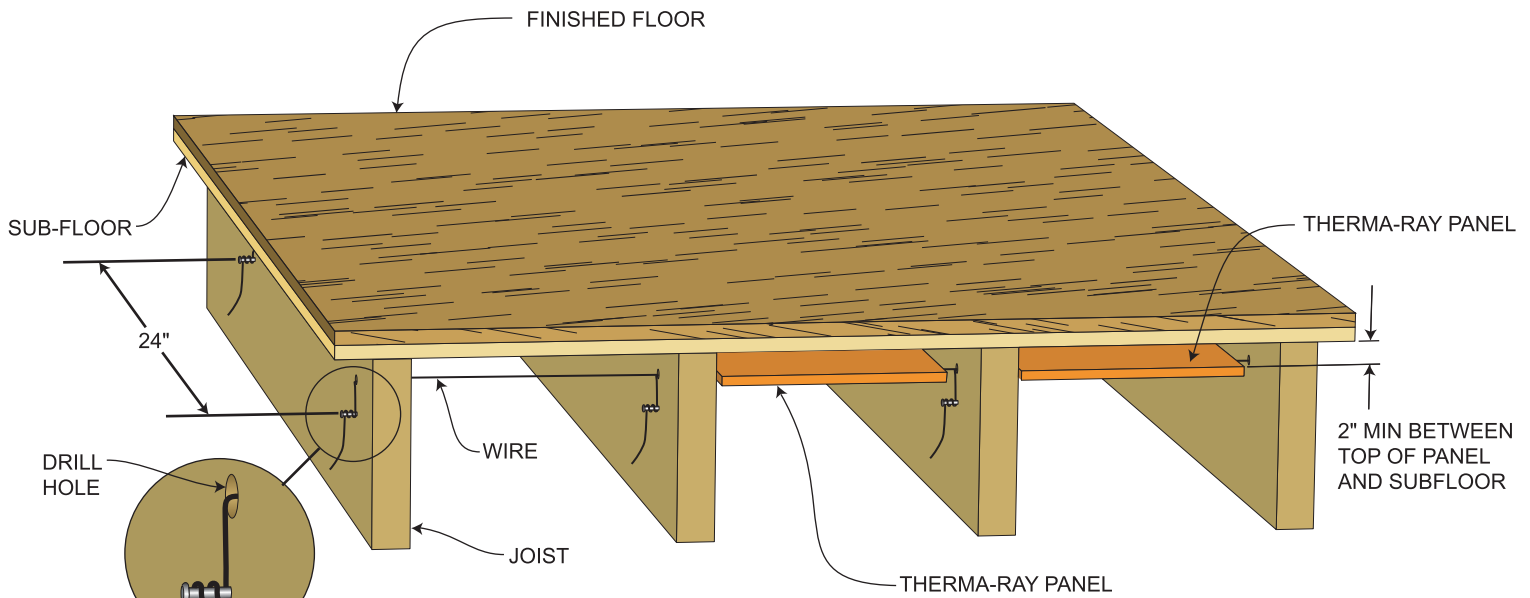


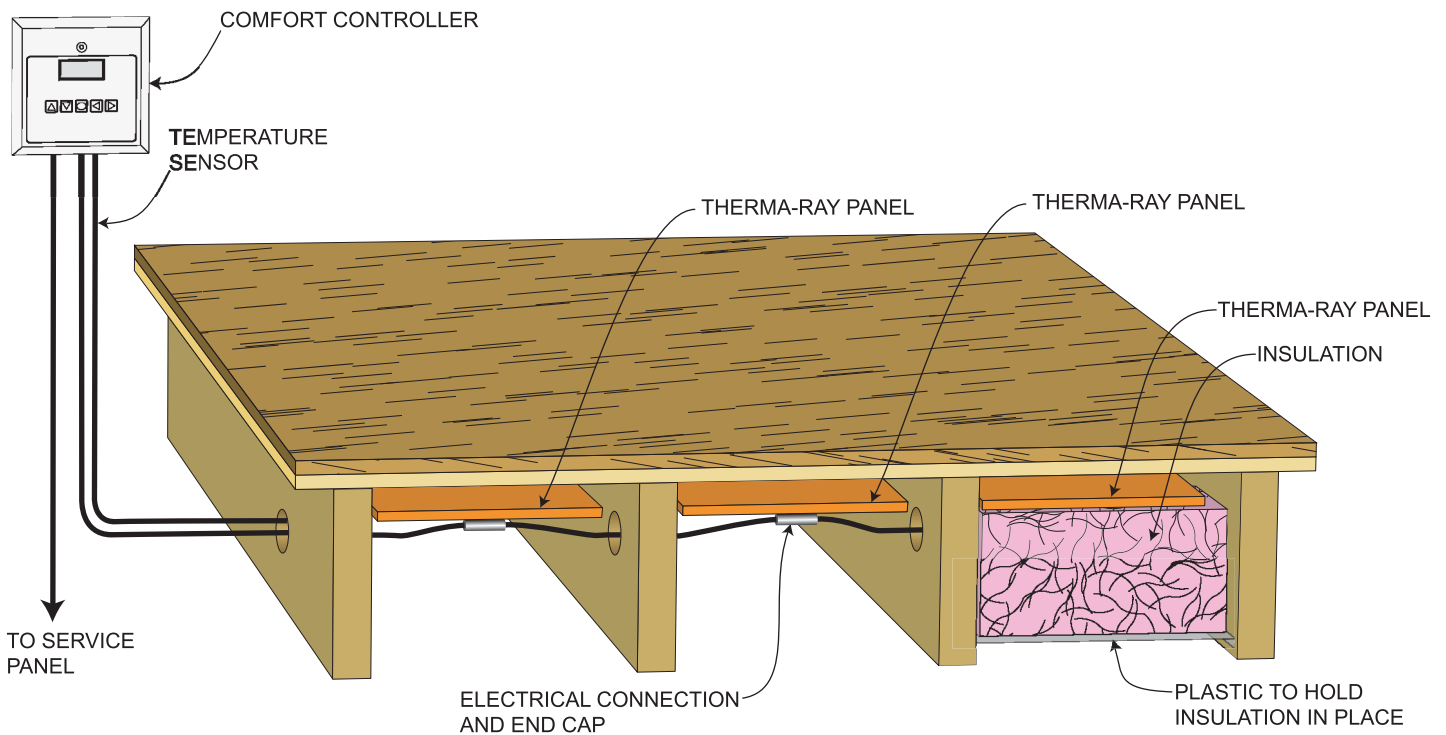
# SMART ROOMS

## FLOOR WARMING INSTALLATION GUIDE USING THERMA-RAY CEILING PANELS



**1** INSTALL A WIRE EVERY 24" THROUGH THE FLOOR JOISTS TO FORM A SUSPENSION SYSTEM. (USE SUFFICIENT WIRE TO SECURELY HOLD THE PANELS).

**2** SLIDE IN THE THERMA-RAY PANEL ABOVE THE WIRE. SECURE WIRE TO NAIL.



**3** DRILL HOLES IN JOISTS NEAR THE THERMA-RAY PANELS. CONNECT WIRING

**4** A) OVER HEATED AREA: INSTALL 3" (R10) INSULATION.

B) OVER UNHEATED AREA: INSTALL 6" (R20) INSULATION.

C) OVER CRAWL SPACE: INSTALL 9" (R30) INSULATION.