

# FLOOR AND WALL REGISTER

## BEFORE INSTALLING

Before you begin, read the installation instructions below. Observe all local building and safety codes. For the following installation instructions it is assumed there is an existing air duct opening for the floor or wall register.

## INSTRUCTIONS

Unpack and inspect the product for any shipping damages and ensure that none of the required pieces are missing. If you find damages, do not install. Contact Customer Service at 1.866.855.2284. If you need assistance or have questions while installing your register, contact Customer Service.

We recommend consulting a professional if you are unfamiliar with installing hardware fixtures. Signature Hardware accepts no liability for any damage to the floor or wall, or for personal injury during installation.

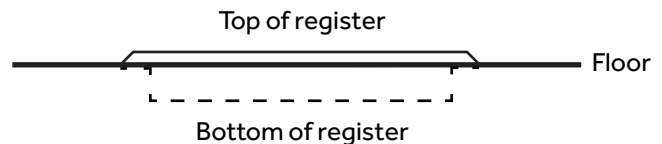
## IMPORTANT INFORMATION

All of Signature Hardware's registers are listed on our website by air duct size, which is the industry standard. To determine which register size to order, remove the old register and measure the air duct opening.

For standard floor or wall registers, the louver frame fits into the air duct opening in the floor or wall, and the lip rests on the surface of the floor or wall. For flush-mount floor registers, the register fits completely into the floor with no lip.

## INSTALLING A STANDARD FLOOR REGISTER

1. **Remove the old floor register.** If the existing register is screwed to the floor, use a screwdriver to remove the screws that hold the register in place.
2. **Insert the new floor register.** The louver frame will fit into the air duct opening, while the lip of the register will sit on top of the floor. In general, it is not necessary to secure the register to the floor.



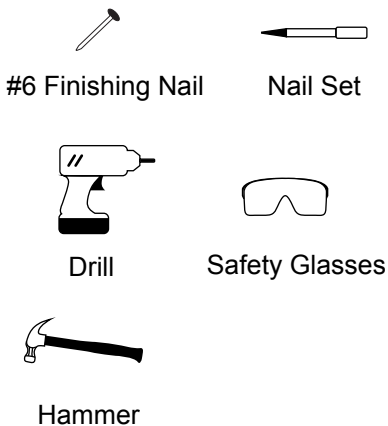


# FLUSH-MOUNT FLOOR REGISTER

## INSTALLING A FLUSH-MOUNT FLOOR REGISTER

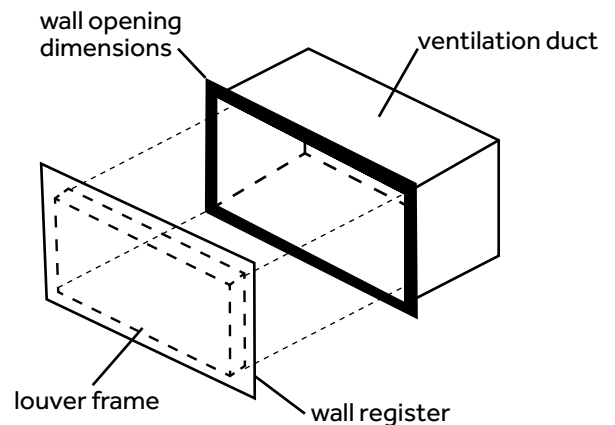
1. Position the register. Position the flush mount frame over the duct opening, allowing even spacing on all four sides.
2. Drill pilot hole. Drill a 5/64" pilot hole inside the recessed area of the frame at an angle down into the sub-floor.
3. Attach register corner to sub-floor. Carefully making sure that the frame has not shifted, use a #6 finishing nail to attach the one corner to the sub-floor. Use a nail set to drive the finishing nail into the recessed wood in order not to damage the frame with the hammer.
4. Secure register to sub-floor. Repeat step 3 so that you have two nails per side inside the frame, securing the register to the sub-floor.
5. Cut flooring flush to register. Cut and fit your 3/4" wood flooring flush to all sides of the frame.
6. Insert vent cover into the frame.

## TOOLS AND MATERIALS:



## INSTALLING A WALL REGISTER

1. **Remove the old wall register.** If the existing register is screwed to the wall, use a screwdriver to remove the screws that hold the register in place.
2. **Insert the new wall register.** The louver frame will fit into the air duct opening, while the lip of the register will be flush against the wall surface. Mount the wall register either by tension-fitting with spring clips or by securing with screws in the front lip.





## DRILLING A SCREW HOLE IN METAL

### BEFORE INSTALLING

If you want to secure your metal register with screws, and it does not have pre-drilled holes, you can follow the instructions below to drill holes as needed.

### TOOLS AND MATERIALS:



Drill



Safety Glasses



Cloth



Cutting Oil



Level



Tape Measure

### DRILLING A SCREW HOLE IN METAL

- 1. Mark screw holes, if needed.** If the register does not have markings for the screw holes, use the tape measure and level to determine where to drill. The screws should be centered on opposing sides of the register, and should be at least 1/2" from the register edge.
- 2. Set the drill bit in position on the drill and tighten.** Clean the surface of the metal with a cloth if the area is not clean.
- 3. Press the drill bit against the surface of the metal where the hole is to be drilled.**
- 4. Pour two drops of cutting oil onto the tip of the drill bit.** Cutting oil can also be placed on the metal surface. Make sure to keep the contact area from getting dry by re-applying the cutting oil frequently.
- 5. Press the trigger on the drill to begin drilling, while putting light pressure on the metal surface with the drill bit.**
- 6. Slowly apply pressure to the metal surface while continuing to drill into the metal until the bit breaks through and completes the hole.**