

GREEN MOUNTAIN WOODWORKS

Wood Vent Registers

Modern HVAC systems are designed to use low pressure to distribute air throughout the various rooms of your home with maximum efficiency. You may notice that different rooms have different sized sheet metal “boots” or air flow vent openings in the floor, wall or ceiling. The size of the duct opening is based on how much air needs to flow into that room based on the room’s size, the size of the ducts supplying that room, it’s distance from the central blower and the output of the blower.

Our wooden vents are designed not only to beautifully integrate into your wood floor, but also to allow that same volume of air to flow into the room without restriction and at maximum efficiency. Typical factory-made vents are smaller than the air flow opening, thus restricting the necessary flow of air. This restriction puts undue stress on the blower, reducing efficiency and creating a whistling noise as pressurized air is forced through the vanes of the vent register. Many architects and designers, assuming that under-sized factory vents will be used, will specify wood vents a size larger than the duct opening in order alleviate this known problem. With Green Mountain Woodworks’ vents, you need only order vents that are the size of the boot, we’ll make sure the air flow is perfectly suited to the HVAC systems needs.

