

Shop Fan from a Furnace Blower

Steve Bloom, Ironflower Forge – May 2016

I was gifted a functional squirrel cage and needed a portable shop fan. My solution was to make a 12" wide x 15" 'box' with lateral gussets from some left-over plywood. I added a hinged 12 x 15 base which had three 2x4 blocks as feet (two at the hinge, one in front and centered). When sitting on the feet, it stays put. On the "rear" side, I added 4 light duty casters. When it needs to move, it gets flipped over on the casters. A couple of straps of steel locks the blower into the box. At the front corners, there is an elevation adjustment system (a curved flat bar welded to some angle and screwed to the floor plane and that runs through a slot attached to the box). A nut, a hole & a bolt would have probably worked just as well. YouTube has directions for the electrical hookup.

