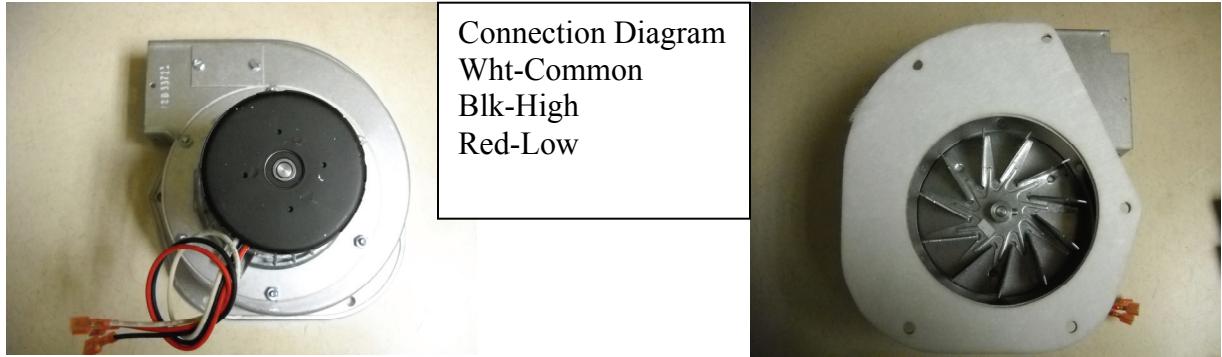


MF3650 Exhaust Blower 2-speed

All Magnum units that may require extra CFM when installed (see below)

1. It provides more air movement through the unit when combustion air and venting configurations are limited
2. It is usually added to stoves that are in areas of higher altitude to assist in proper combustion.
3. Can or should be used on installations that have longer horizontal exhaust runs.
4. Adapts the unit for new high ash content fuels that are emerging in the market.
5. Can be used as a replacement for CF3542 or MF3542.
6. Use jumper wires as needed.



Connection Diagram
Wht-Common
Blk-High
Red-Low

Front of blower

Back side of blower

- Turn off power on control panel and unplug from the power supply.
- Disconnect the exhaust blower leads from the wire harness make sure when pulling off wires that you use pliers by the end of the terminals, so you don't pull out the wire from the ends.
- Remove existing exhaust blower.
- Remove existing exhaust tube from the exhaust blower being replaced.(save the #8-tek screws for later use)
- Clean the rectangle outlet of the exhaust tube of any old high temp silicone.

- Place a 1/8" bead of high temp silicone on the rectangle outside edge of the exhaust tube.



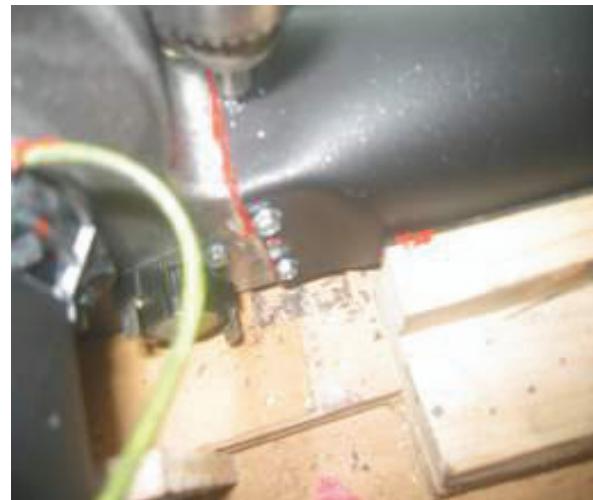
- Slip rectangle end of the exhaust tube over the rectangle outlet of the new exhaust blower. Push tight until the exhaust tube hits the flange of the exhaust blower housing. Making sure the tube alignment to blower is straight.

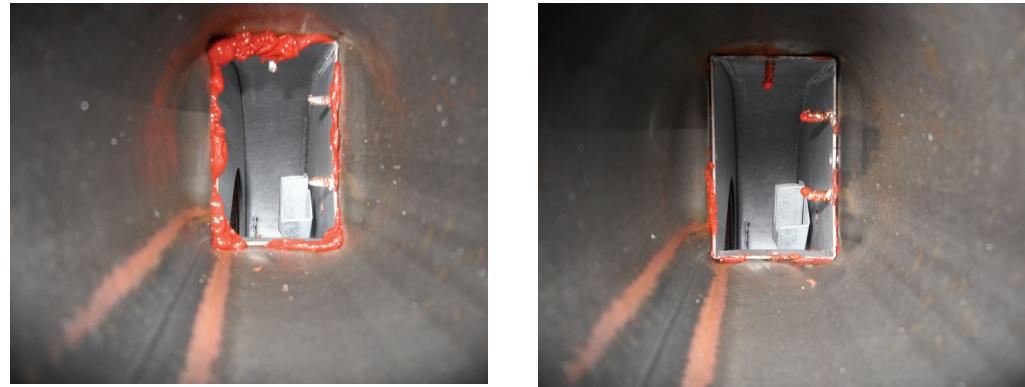


- Neatly, compress caulking using finger around all four sides of the exhaust tube. Make sure equal amounts of caulk are on the exhaust tube and the exhaust housing providing a leak free seal.



- Fasten the exhaust tube to the blower housing using the #8 tek screws listed above.
- From the back of the unit, look into the exhaust tube. If any high temp silicone is visible clean out with a hacksaw blade.





- Remove any loose debris from the exhaust tube mounting onto the unit.
- Prior to mounting on the stove inspect the gasket to make sure it has not been damaged if it has you need to replace the gasket MF3610.
- Install onto unit using the (5) $\frac{1}{4}$ -20 x $\frac{3}{4}$ " hex bolt see picture below for location for each unit. Pictures looking in from the control panel side.
- Connect wires per instructions connect the wire lead from blower to the white lead from the wire harness, depending on customer requirement connect the black lead of the blower to the pink lead from wire harness this will give you the highest CFM from the exhaust blower, if you connect the red lead of blower to the white lead of the wire harness this will give you a lower CFM from the exhaust blower. The 6500 would require blower to be wired for the highest CFM and units that are burning poor quality fuel requires the highest CFM. **(DO NOT EVER USE BOTH RED AND BLACK LEAD FROM BLOWER TOGETHER THIS WILL DAMAGE THE BLOWER)**

