The regulator contained in this package is manufactured with careful precision. It is designed to regulate chimney draft with a high degree of accuracy and fuel efficiency.

**ITEMS INCLUDED:**
- 1- Draft Control Counterbalance
- 1- Weight Assembly
- 1- Hex Nut
- 1- Knurled Nut

READ THESE INSTRUCTIONS CAREFULLY AND COMPLETELY BEFORE PROCEEDING WITH THE INSTALLATION.

This device MUST be installed by a qualified agency in accordance with the manufacturer's installation instructions. The definition of a qualified agency is: any individual, firm, corporation or company which either in person or through a representative is engaged in, and is responsible for, the installation and operation of HVAC appliances, who is experienced in such work, familiar with all the precautions required, and has complied with all the requirements of the authority having jurisdiction.

Please retain these instructions after installation.

Installed By: ___________________________ Phone: ___________________________ Installation Date: ________________
WEIGHT ASSEMBLY
Attach weight assembly to damper prior to its installation in flue pipe. (See Figure 1)

LOCATION OF DRAFT CONTROL BEST LOCATIONS FOR SOLID FUELS
Determine the best locations to mount the draft regulator using Figures 2-7.

MOUNTING CONSIDERATIONS
Damper must be mounted with the hinge pins horizontal and the face of the damper plumb for correct operation. This is done by rotating the damper section within the collar for any pipe position. Tighten screw to hold firmly in place. (See Figure 8)

BALANCING WEIGHT ASSEMBLY AND DRAFT ADJUSTMENT FOR WOOD AND COAL FIRED APPLICATIONS
1. Assemble the counterbalance weight assembly to the draft control as shown in Figure 1. Thread counterbalance weight through threaded nut attached to the gate. Assemble hex nut and knurled nut on front of gate as shown in Figure 1.
2. Installation of this Draft Control should be made in accordance with the stove manufacturer's instructions. When this is not possible, follow the directions below. (NOTE: For the regulator to operate properly, the chimney must be clean and free of obstructions.)
3. The best setting for wood and coal burners is a draft gauge reading of .04" to .08" W.C. If a draft gauge is not available, with the draft regulator fully installed and a good fire burning, adjust the counterbalance weight closer to the gate for as low a draft setting as possible, without the fire dying or getting smoke-back with the stove door slightly open. To obtain higher heat levels, move the weight away from the gate to increase the setting.
4. Turn knurled nut counterclockwise for less draft, clockwise for more draft.
5. When adjustment is made for desired draft, lock the counterbalance weight assembly in place by tightening the hex nut located under the knurled nut against the gate.
6. For best combustion efficiency, stack temperature (below the draft regulator) should be 350°F to 450°F for dry wood. Recommended stack temperatures and draft settings for coal vary according to the manufacturer of the stove.
FOR OIL FIRED APPLICATIONS
1. Assemble the counterbalance weight assembly to the draft control as shown in Figure 1. Thread counterbalance weight through threaded nut attached to the gate. Assemble hex nut and knurled nut on front of gate as shown in Figure 1.
2. Proper operation of the regulator depends upon proper installation and adjustment. Use a CO$_2$ indicator, stack thermometer and draft gauge to adjust draft for oil fired burners. Domestic oil burners work best with the draft over fire of .01” to .02” W.C.
3. Turn knurled nut counterclockwise for less draft, clockwise for more draft.
4. When adjustment is made for desired draft, lock the counterbalance weight assembly in place by tightening the hex nut located under the knurled nut against the gate.
WARRANTY
For warranty about this or any Field Controls product, visit:
www.fieldcontrols.com/warranty