

Setting Pressure for Motorized Controls

The following instructions are designed to assist you with the proper setting and testing of your Motorized Control Unit.

For models with a diaphragm pump:

1. Shut off ball valve to boom.
2. Set manual relief valve to 70-80 PSI (*this is used mainly as a safety valve and will not operate below that pressure*).
3. Open ball valve to booms.

For all models (*for centrifugal pump models, the first three steps are not required*):

4. Close all three (3) **Metered Bypass Valves** (red knobs), by turning knobs in a clockwise direction as far as they will go (Figure 1).
5. Open all three (3) sections of the boom from the **Control Panel**. Set desired operating pressure using electric **Control Switch** on the **Control Panel**. To set the **Metered Bypass Valve**, close one (1) boom section at a time. Then open the **Metered Bypass Valve** for that boom section until the desired operating pressure is achieved.

Example: Desired pressure is 40 PSI - to set **Metered Bypass Valve**:

- A. Shut left boom section off on the Control Panel.
 - B. Pressure will read more than 40 PSI.
 - C. Using left **Metered Bypass Valve**, open valve until operating pressure returns to 40 PSI.
6. **Repeat** the above procedure for the **center and right boom sections**, making sure the other two (2) boom sections are open.

Motorized Control Valves:

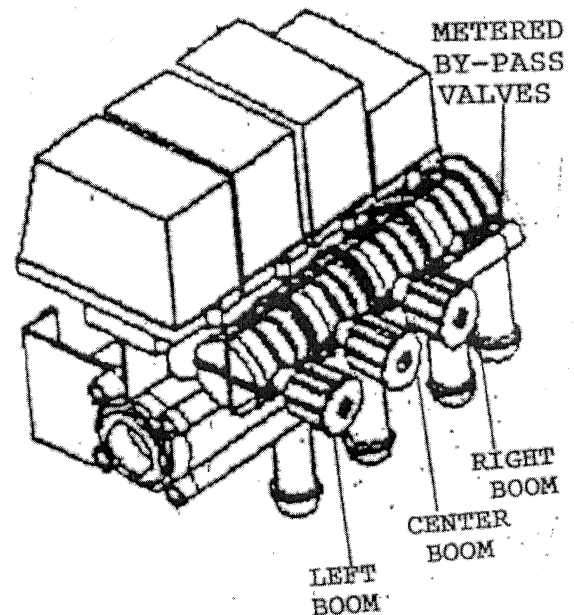


Figure 1