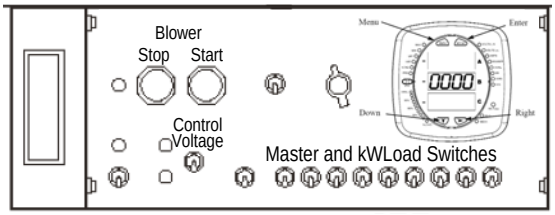
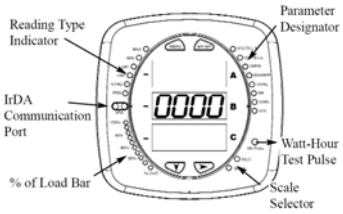
400 kW
Millennium Load Bank

INSTRUCTIONS

208-240 volt, or
416-480 volt
3 phase





Operation Steps

1. Power source is shutdown and circuit breaker is open.
2. Connect proper sized cables to the load terminals. Connect the **ground terminal** to a verified ground.
3. Place the Blower Voltage Select switch to the test voltage* (internal setting).
4. Place the Load Voltage Select switch to the test voltage*.
5. Set Control Power to test voltage*.
6. MASTER LOAD Switch is OFF.
7. All kW Load Switches are OFF.
8. Start the generator set and wait for the output to stabilize at operating frequency, temperature, voltage, and any other required conditions for the test.
9. With the control selector in the correct position, press the control power ON button. The Digital Meter will move through several start up displays, until it displays the line-to-line voltage (indicated by red dot next to volts L-L in upper right). Press the DOWN button on the display to rotate through the various options as indicated on the upper right.
10. CHECK to see that air flow is **clear of small objects** (Note: Check both ways in case fan starts in the wrong direction!).
11. Depress the Blower Start pushbutton and immediately **verify air flow direction**. If incorrect, press Stop pushbutton, **wait for fan to stop rotating**, switch fan rotation switch to CBA, and press the Start pushbutton. (Note: The Blower Fail light will come on only momentarily until the blower accelerates up to operating speed)
12. Verify the correct voltage is displayed by the Digital Meter. Press DOWN button for other options.
13. Place the Master Load switch in ON.
14. Select load steps as needed. The Master Load switch may be used to apply or remove the full amount of the load steps that are preselected.
15. At completion of the test, turn off all load, run the fan for up to 5 minutes to allow all surfaces to cool.
16. Turn off control circuit.
17. Open generator circuit breaker, shutdown generator set and disconnect cables.

* Note: 240 / 480 volt is the same as the voltage range 208 - 240 volts or 416 - 480 volts.

- **Single Phase Testing - requires external 240 or 480 volt three phase power.**
- **50 Hz or 400 Hz Testing - requires external 240 or 480 volt three phase power.**
- **No DC test – contactors not rated for DC.**

LOS ANGELES 310 835-3161 Fax 310 518-3019
BAKERSFIELD 661 335-0300 Fax 661 335-0333
FONTANA 909 823-6505 Fax 909 823-6955
website: http://www.assocpower.com e-mail: sales@assocpower.com

3/2010