

Keep your bottle pressure consistent with the new CFN-1404 NITROUS REGULATOR! Allows you to make run after run with the exact same bottle pressure as the run before! No more torches, HEATERS or ice bags trying to maintain a consistent nitrous pressure.

- Eliminates excessive purging to maintain a consistent launch pressure.
- Minimizes or completely eliminates nitrous pressure drop during a run.
- Keeps your bike much more consistent on the drag strip.
- Great for index class racers dialing in the number using nitrous.
- Ideal for Snowmobile, ATV or motorcycle applications protects your dry-nitrous equipped motorcycle.

Nitrous bottles get extremely hot under the bodywork of a street bike. The CFN NITROUS REGULATOR will eliminate lean-out due to excessive bottle pressures. Most nitrous bikes today are equipped with progressive controllers capable of adjusting nitrous power application by 1% and applying that nitrous over time adjustable to one thousandth of a second! To get the most out of your progressive nitrous system, you must have consistent nitrous pressure. If you change your nitrous percentage 10% from the run before but the bottle pressure is plus or minus 50psi, what have you really changed? CFN REG 1 is good for up to a #30 nitrous jet, with 4 fogger nozzles or 200HP.

The CFN REG 1 must be placed in-line between the nitrous bottle and the nitrous solenoid. The CFN REG 1 has a top and two sides orifices. The top is the **inlet (opposite end of the adjustment bolt)**; the line from the nitrous bottle goes here. The two side orifices are **outlets**. You may keep the one orifice blocked or use it for a pressure gauge outlet that is provided with regulator. The other outlet is connected to the nitrous solenoid. Be sure to use Teflon on the NPT ends.

The CFN REG 1 is adjustable from 500psi to 1100psi using the allen bolt on the bottom end. To increase pressure, tighten the bolt. To decrease, loosen the bolt. **NEVER** try to increase the outlet pressure with the nitrous bottle on! This will put too much pressure on the adjustment bolt and strip its threads. If you have 600psi and need 800, turn the nitrous bottle off and purge the pressure. Turn the adjustment screw 2 complete revolutions, turn the nitrous bottle back on and check your gauge, repeat if necessary. Each complete turn on the regulator's adjustment screw equals approximately 100psi. The CFN REG 1 can take as much as 1400psi on the inlet. It's always a good idea to open the nitrous bottle slowly, but especially with higher inlet pressures.

You may notice on hotter days that your gauge is showing higher pressure than you have set the regulator. The CFN REG 1 has not failed; this is just the nitrous trapped in the line between the regulator and the solenoid reacting to the heat. This is the "dead" nitrous that is purged away and will be the only purging required. On the "dead" nitrous is relieved, your gauge will read the correctly adjusted pressure.

The CFN REG 1 cannot give more pressure than the bottle has. Example, if your nitrous bottle is at 800psi, that's the most pressure, you will get at the solenoids. Normally, it takes about 90[^] Fahrenheit to reach 900psi of bottle pressure. If you need that much pressure on a cooler day, the regulator allows you to warm the bottle without worry of overheating and going to the starting line with 1100psi at the solenoids.

This is not for use as an air shifter regulator. It doesn't go low enough.