



## LIVEWELL, OXYGEN INJECTION TWO STAGE, FIXED FLOW *Pressure Reducing Regulators*

# 4700 SERIES

### PREMIER INDUSTRIES

1590 99th Ln NE,  
Minneapolis, MN 55449  
763-786-4020



**MADE IN THE USA**

*Minneapolis, MN*

### DESCRIPTION

Premier's 4700 Series Livewell Oxygen Injection Regulator is a compact, two stage, piston sensed, fixed flow, pressure reducing regulator. This 4700 series regulator was developed in cooperation with the Texas Parks & Wildlife Department's Inland Fisheries team in San Antonio. Their research shows that "dissolved oxygen is the single most important factor for keeping bass alive."\*\*

The Livewell Oxygen Injection Regulator is all aluminum with a brass CGA 540 inlet connection for a secure attachment to oxygen cylinders. The two stage design insures the consistent delivery of the recommended flow of oxygen at all cylinder pressures. Your fish will be getting all the oxygen they need and you'll be maximizing the life of every oxygen cylinder. The rugged stainless steel cased inlet gauge will constantly show the amount of oxygen remaining in the cylinder.

The article link at the bottom of this page has a substantial amount of valuable information about livewell management. It also contains a link to a slideshow demonstrating the proper set-up of a livewell oxygenation system.

### FEATURES

- Engineered specifically for livewell oxygen injection
- Very competitive pricing
- Factory preset (fixed) flow setting of 0.1 LPM
- Compact size (1.2 in. diameter x 6.2 in. high)
- Machined bar stock body, and bonnet eliminates porosity found in castings
- Inlet Filter: 40 micron 316 stainless steel
- 0-3000 PSIG inlet gauge w/ stainless steel case & brass socket

*The Premier 4700 Series regulator's design is remarkably flexible.  
Contact Premier Industries for a custom 4700 Series regulator to meet your exact needs.*

\*\* Randy Myers and Jason Driscoll, Inland Fisheries Division Texas Parks and Wildlife Department, June 2011  
<http://www.tpwd.state.tx.us/fishboat/fish/didyouknow/inland/livewells.phtml>

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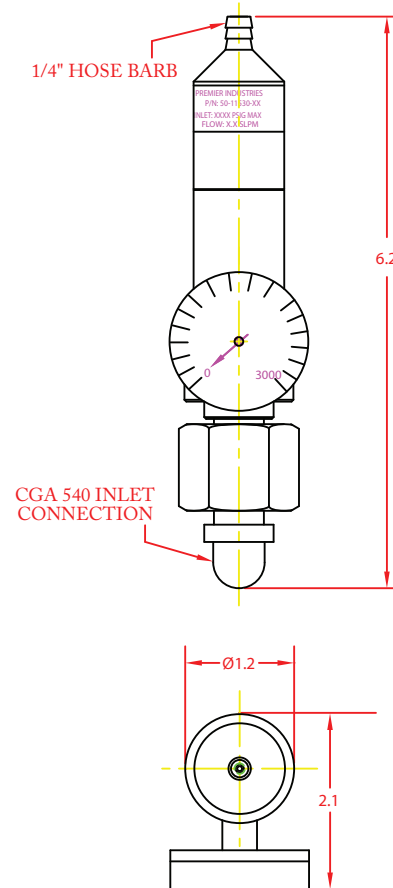


### SPECIFICATIONS

- **MAXIMUM INLET PRESSURE:** 3000 PSIG
- **PRESET OUTLET PRESSURE:** 30 ± 5 PSIG
- **FLOW:** 0.1 SLPM
- **LEAK RATE:** Bubble Tight
- **SHUT OFF VALVE:** None
- **WEIGHT:** 0.25 lbs

### MATERIALS OF CONSTRUCTION

- **BODY:**
  - 6061-T6 Aluminum, Clear Anodized
- **BONNET:**
  - 6061-T6 Aluminum, Clear Anodized
- **PISTON:**
  - SAE 360 Brass
- **PISTON SEALS:**
  - EPDM
- **VALVE SEAT:**
  - Teflon®



### PORTING

- **INLET PORTING:** 1/4" FNPT
  - CGA 540 connection
- **OUTLET PORTING:**
  - 1/4" hose barb

### ORDERING

- **Part Number:** 50-11530-01

