The Series SGO Gages have dual English/metric scales with ±1.6% full scale accuracy. The Series SGO gages are designed with 304 SS housing, a 316L SS chamber and PTFE coated diaphragm for excellent chemical compatibility. Units can withstand ambient temperatures up to 149°F (65°C) and process temperatures up to 248°F (120°C). Ranges are available from full vacuum, compound to 300 psi. Included is a micrometer adjustable pointer which allows for re-zeroing the gage in the field.

**SPECIFICATIONS**

- **Service:** Compatible gases & liquids.
- **Wetted Materials:** 316L SS chamber with PTFE protected steel diaphragm.
- **Housing:** 304 SS.
- **Lens:** Glass.
- **Accuracy:** ±1.6% full scale.
- **Pressure Limit:** 130% full scale.
- **Temperature Limits:** Ambient: -13 to 149°F (-25 to 65°C); Process: 248°F max. (120°C max.).
- **Size:** 4" (100 mm).
- **Process Connections:** 1/2" male NPT.
- **Enclosure Rating:** NEMA 3 (IP55).
- **Weight:** 3.0 lb (1.34 kg).

### Table: SGO-F0124N to SGO-F0824N

<table>
<thead>
<tr>
<th>Model</th>
<th>Range</th>
<th>Model</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>SGO-F0124N</td>
<td>30” Hg-0 (-100-0 kPa)</td>
<td>SGO-F2124N</td>
<td>30” Hg-0-15 psi (-100-0-100 kPa)</td>
</tr>
<tr>
<td>SGO-F0224N</td>
<td>0-15 psi (0-100 kPa)</td>
<td>SGO-F2224N</td>
<td>30” Hg-0-30 psi (-100-0-200 kPa)</td>
</tr>
<tr>
<td>SGO-F0324N</td>
<td>0-30 psi (0-200 kPa)</td>
<td>SGO-F2324N</td>
<td>30” Hg-0-60 psi (-100-0-400 kPa)</td>
</tr>
<tr>
<td>SGO-F0424N</td>
<td>0-60 psi (0-400 kPa)</td>
<td>SGO-F2424N</td>
<td>30” Hg-0-100 psi (-100-0-700 kPa)</td>
</tr>
<tr>
<td>SGO-F0524N</td>
<td>0-100 psi (0-700 kPa)</td>
<td>SGO-F2524N</td>
<td>30” Hg-0-150 psi (-100-0-1000 kPa)</td>
</tr>
<tr>
<td>SGO-F0624N</td>
<td>0-150 psi (0-1000 kPa)</td>
<td>SGO-F2624N</td>
<td>30” Hg-0-200 psi (-100-0-1400 kPa)</td>
</tr>
<tr>
<td>SGO-F0724N</td>
<td>0-200 psi (0-1400 kPa)</td>
<td>SGO-F2724N</td>
<td>30” Hg-0-300 psi (-100-0-2000 kPa)</td>
</tr>
<tr>
<td>SGO-F0824N</td>
<td>0-300 psi (0-2000 kPa)</td>
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</tr>
</tbody>
</table>

The Series FG Pressure Gages provide an economic solution for measuring pressures in refrigerant systems containing freon. With dual psi and corresponding degrees F scale calibrated for R-12, R-22, R-134a, R-404a, R-502, and R-507, these gages allow for quick servicing of systems containing refrigerant gases. The series FG gages provide an accuracy ±2% lower 3/4 scale, ±5% upper 1/4 scale. These gages are ideal for commercial refrigeration, residential air-conditioning, and automotive air-conditioning units.

**SPECIFICATIONS**

- **Service:** Compatible refrigerant gases.
- **Housing:** ABS plastic, red color for 0-500 psi, blue color for 30” Hg-120 psi.
- **Lens:** Polycarbonate, threaded.
- **Wetted Materials:** Brass, bronze.
- **Accuracy:** ±2% lower 3/4 scale, ±5% upper 1/4 scale.
- **Pressure Limits:** 100% of full scale.
- **Temperature Limit:** Ambient: -40 to 140°F (-40 to 60°C); Process: -40 to 150°F (-40 to 65°C).
- **Size:** 2-1/2” (63 mm).
- **Process Connection:** 1/8” male NPT.
- **Enclosure Rating:** NEMA 2.
- **Weight:** 3.6 oz (100 kg).