

3-1/8" (80 mm) DRY MANIFOLD GAUGES (°F and °C) RED, BLUE AND BLACK With 1% accuracy (Class 1) calibration

Large 3-1/8" gauges are housed in a red or blue steel case with front recalibrator screw. High visibility colored temperature scales are easy to read through the full view polycarbonate crystal.

- Flutterless™ technology with brass surge protector to minimize needle pulsation
- Brass gauge movement
- Copper alloy Bourdon tube
- 1/8" NPT Male connection
- Calibrated to 1% accuracy
- Color-coded red for pressure and blue for compound
- Color-coded refrigerant types



When a gauge has a RETARD zone, full scale is considered to be the last marked reading prior to entering the RETARD zone. For example, this gauge has a full scale reading of 120 psi. Gauge accuracy is not specified in the RETARD zone.

| °F - Fahrenheit Gauges | | | |
|-------------------------|----------------------------|------------------|------------------|
| UPC# | Description | Pressure Scale | Refrigerants |
| 49103 | 3-1/8" Red pressure | 0 - 500 psi | R-12/22/134a |
| 49104 | 3-1/8" Blue compound | 30"-0-120** psi | |
| 49105 | 3-1/8" Red pressure | 0 - 500 psi | R-22/134a/404A |
| 49106 | 3-1/8" Blue compound | 30"-0-120** psi | |
| 49111 | 3-1/8" Red pressure | 0 - 500 psi | R-417A/422A/422D |
| 49112 | 3-1/8" Blue compound | 30"-0-120** psi | |
| 49133 | 3-1/8" Heat pump red dial | 0 - 800 psi | R-22/407C/410A |
| 49134 | 3-1/8" Heat pump blue dial | 0 - 800 psi | |
| 49137 | 3-1/8" Red pressure | 0 - 800 psi | R-22/404A/410A |
| 49138 | 3-1/8" Blue compound | 30"-0-350*** psi | |
| 49151 | 3-1/8" Red pressure | 0 - 500 psi | R-134a/404A/407C |
| 49152 | 3-1/8" Blue compound | 30"-0-120** psi | |
| 49157 | 3-1/8" Red pressure | 0 - 800 psi | Pressure only |
| 49158 | 3-1/8" Blue compound | 0-55 bar | |
| 49603 | 3-1/8" Red pressure | 0 - 500 psi | R-448A/449A/452A |
| 49604 | 3-1/8" Blue compound | 30"-0-120** psi | |
| 49117 | 3-1/8" Red pressure | 0 - 500 psi | R-32/454B/410A |
| 49118 | 3-1/8" Blue compound | 30"-0-120** psi | |
| Certified Gauges | | | |
| 49203 | 3-1/8" Red pressure | 0 - 500 psi | R-12/22/134a |
| 49204 | 3-1/8" Blue compound | 30"-0-120** psi | |
| 49205 | 3-1/8" Red pressure | 0 - 500 psi | R-22/134a/404A |
| 49206 | 3-1/8" Blue compound | 30"-0-120** psi | |
| 49237 | 3-1/8" Red pressure | 0 - 800 psi | R-22/404A/410A |
| 49238 | 3-1/8" Blue compound | 30"-0-350*** psi | |
| 49251 | 3-1/8" Red pressure | 0 - 500 psi | R-134a/404A/407C |
| 49252 | 3-1/8" Blue compound | 30"-0-120** psi | |
| 49217 | 3-1/8" Red pressure | 0 - 500 psi | R-32/454B/410A |
| 49218 | 3-1/8" Blue compound | 30"-0-120** psi | |

| Universal Gauges (°F - Fahrenheit and °C - Celsius) | | | |
|---|----------------------------|------------------|--------------|
| UPC# | Description | Pressure scale | Refrigerants |
| 49109 | 3-1/8" Red pressure | kPa and psi | R-32/410A |
| 49110 | 3-1/8" Blue compound | kPa and psi | |
| 49141 | 3-1/8" Heat pump red dial | 0 - 800 psi | R-410A |
| 49142 | 3-1/8" Heat pump blue dial | 0 - 800 psi | |
| 49155 | 3-1/8" Red pressure | bar, psi and kPa | R-32 |
| 49156 | 3-1/8" Blue compound | bar, psi and kPa | |
| 49159 | 3-1/8" Red pressure | bar and psi | R-32/410A |
| 49160 | 3-1/8" Blue compound | bar and psi | |
| 49259 | 3-1/8" Red pressure | bar and psi | R-32/410A |
| 49260 | 3-1/8" Blue compound | bar and psi | |

| °C - Celsius Gauges | | | |
|-------------------------|----------------------|-----------------|------------------|
| UPC# | Description | Pressure scale | Refrigerants |
| 49107 | 3-1/8" Red pressure | kPa and psi | R-22/134a/404A |
| 49108 | 3-1/8" Blue compound | kPa and psi | |
| 49169 | 3-1/8" Red pressure | bar and psi | R-22/134a/404A |
| 49170 | 3-1/8" Blue compound | bar and psi | |
| 49131 | 3-1/8" Red pressure | bar and psi | R-134a/404A/407C |
| 49132 | 3-1/8" Blue compound | bar and psi | |
| 49139 | 3-1/8" Red pressure | psi | R-22/404A/410A |
| 49140 | 3-1/8" Blue compound | psi | |
| 49145 | 3-1/8" Red pressure | bar and psi | R-12/22/502 |
| 49146 | 3-1/8" Blue compound | bar and psi | |
| 49147 | 3-1/8" Red pressure | MPa | R-32/410A |
| 49148 | 3-1/8" Blue compound | MPa | |
| 49163 | 3-1/8" Red pressure | bar and MPa | R-134a/404A/407C |
| 49164 | 3-1/8" Blue compound | bar and MPa | |
| 49165 | 3-1/8" Red pressure | bar and psi | R-12/134a/413A |
| 49166 | 3-1/8" Blue compound | bar and psi | |
| 49181 | 3-1/8" Red pressure | bar and psi | R-134a/404A/407F |
| 49182 | 3-1/8" Blue compound | bar and psi | |
| 49601 | 3-1/8" Red pressure | 0 - 500 psi | R-448A/449A/452A |
| 49602 | 3-1/8" Blue compound | 30"-0-120** psi | |
| 49149 | 3-1/8" Red pressure | 0 - 160 psi | R-600a/600/290 |
| 49150 | 3-1/8" Blue compound | 30"-0-58* psi | |
| Certified Gauges | | | |
| 49231 | 3-1/8" Red pressure | bar and psi | R-134a/404A/407C |
| 49232 | 3-1/8" Blue compound | bar and psi | |
| 49245 | 3-1/8" Red pressure | bar and psi | R-12/22/502 |
| 49246 | 3-1/8" Blue compound | bar and psi | |
| 49263 | 3-1/8" Red pressure | bar and MPa | R-134a/404A/407C |
| 49264 | 3-1/8" Blue compound | bar and MPa | |
| 49265 | 3-1/8" Red pressure | bar and psi | R-12/134a/413A |
| 49266 | 3-1/8" Blue compound | bar and psi | |
| 49269 | 3-1/8" Red pressure | bar and psi | R-22/134a/404A |
| 49270 | 3-1/8" Blue compound | bar and psi | |

* Features retard protection to 101 psi.
 ** Features retard protection to 350 psi.
 *** Features retard protection to 500 psi.

| Replacement Crystal - for 3 1/8" Gauges | |
|---|---------------------|
| UPC# | Description |
| 49100 | Replacement crystal |