


3-1/2" (90 mm) LIQUID-FILLED MANIFOLD GAUGES (°F and °C) RED AND BLUE

With 1% accuracy (Class 1) calibration



Gauges are completely filled with glycerin for maximum protection from pulsation. Large 3-1/2" (90 mm) diameter gauge with refrigerants color-coded on the dials in bold numbers. Offset stem fits all major manifold brands. 

- Now with zero adjustment
- 1/8" NPT Male connection
- Temperature rating of 0° to 122°F (-18° to 50°C)
- Calibrated to 1% accuracy (Class 1)

°F - Fahrenheit and °C - Celsius Gauges

| UPC# | Description | Pressure scale | Refrigerants |
|-------|----------------------|-------------------------------|--------------|
| 49511 | 3-1/2" Red pressure | 0-500 psi (0 to 34 bar) | R-22 |
| 49512 | 3-1/2" Blue compound | 30"-0-120 psi (-1 to 8 bar) | |
| 49519 | 3-1/2" Red pressure | 0-800 psi (0 to 55 bar) | R-410A |
| 49520 | 3-1/2" Blue compound | 30"-0-300* psi (-1 to 21 bar) | |

°F - Fahrenheit Gauges

| UPC# | Description | Pressure scale | Refrigerants |
|-------|----------------------|----------------|------------------|
| 49513 | 3-1/2" Red pressure | 0-500 psi | R-22/134a/404A |
| 49514 | 3-1/2" Blue compound | 30"-0-120 psi | |
| 49515 | 3-1/2" Red pressure | 0-800 psi | R-22/410A |
| 49516 | 3-1/2" Blue compound | 30"-0-300* psi | |
| 49517 | 3-1/2" Red pressure | 0-500 psi | R-134a/404A/407C |
| 49518 | 3-1/2" Blue compound | 30"-0-120 psi | |

°C - Celsius Gauges

| UPC# | Description | Pressure scale | Refrigerants |
|-------|----------------------|-----------------------------|------------------|
| 49521 | 3-1/2" Red pressure | 0-500 psi (0 to 35 bar) | R-134a/404A/407C |
| 49522 | 3-1/2" Blue compound | 30"-0-116 psi (-1 to 8 bar) | |

*Features retard protection to 500 psi.



2-1/2" (68 mm) MANIFOLD GAUGES (°F and °C) RED AND BLUE Class B



- Steel case with 3-2-3% accuracy
- High-visibility dials - colored temperature scales for easy reading;
- Flutterless™ technology surge protector minimizes the needle pulsation for improved accuracy
- 1/8" NPT Male connection; calibration traceable to NIST standards

°F - Fahrenheit Gauges

| UPC# | Description | Pressure scale | Refrigerants |
|--------|----------------------|-------------------------------------|-----------------|
| 49001 | 2-1/2" Red pressure | 0 - 500 psi | R-12/22/502 |
| 49002 | 2-1/2" Blue compound | 30"-0-120** psi | |
| 49013* | 2-1/2" Red pressure | 0 - 500 psi | R-134a |
| 49014* | 2-1/2" Blue compound | 30"-0-120** psi | |
| 49015 | 2-1/2" Red pressure | 0 - 500 psi | R-22/134a/404A |
| 49016 | 2-1/2" Blue compound | 30"-0-120** psi | |
| 49035* | 2-1/2" Red pressure | 0 - 800 psi/kg/cm ² | R-410A |
| 49036* | 2-1/2" Blue compound | 30"-0-300*** psi/kg/cm ² | |
| 49051 | 2-1/2" Red pressure | 0 - 500 psi | R-134a/404A/507 |
| 49052 | 2-1/2" Blue compound | 30"-0-120** psi | |
| 49053* | 2-1/2" Red pressure | 0 - 55 bar (0-5.5 MPa) | R-410A |
| 49054* | 2-1/2" Blue compound | -1 - 21 bar (-0.1 - 2.1 MPa) | |
| 49010 | Replacement crystal | | |

* These gauges have °C and °F on dial.

** Features retard protection to 350 psi.

*** Features retard protection to 500 psi.

Note: Small screw in back is 6/32" x 5/32" Phillips pan head screw.

Note: Gauges not meant to be used with nitrogen.

°C - Celsius Gauges

| UPC# | Description | Pressure scale | Refrigerants |
|-------|----------------------|----------------------------|------------------|
| 49005 | 2-1/2" Red pressure | bar and psi | R-12/22/502 |
| 49006 | 2-1/2" Blue compound | bar and psi | |
| 49027 | 2-1/2" Red pressure | kg/cm ² and psi | R-12/22/502 |
| 49028 | 2-1/2" Blue compound | kg/cm ² and psi | |
| 49031 | 2-1/2" Red pressure | bar and psi | R-22/134a/407C |
| 49032 | 2-1/2" Blue compound | bar and psi | |
| 49033 | 2-1/2" Red pressure | bar and psi | R-22/134a/404A |
| 49034 | 2-1/2" Blue compound | bar and psi | |
| 49055 | 2-1/2" Red pressure | bar and psi | R-134a/404A/507 |
| 49056 | 2-1/2" Blue compound | bar and psi | |
| 49057 | 2-1/2" Red pressure | kg/cm ² and psi | R-134a/404A/507 |
| 49058 | 2-1/2" Blue compound | kg/cm ² and psi | |
| 49063 | 2-1/2" Red pressure | bar and psi | R-134a/404A/407C |
| 49064 | 2-1/2" Blue compound | bar and psi | |
| 49010 | Replacement crystal | | |