

HEATING INSTRUMENTS





EFFICIENCY BEYOND
MEASURE

Easy to Use • Reliable • Accurate



6 Parameters Displayed

COMBUSTION ANALYZER NEW!

3 IN 1 Ambient CO Monitor, Manometer and Analyzer All One Instrument

- Two gas sensors for O2 and CO, high CO protection
- CO2, combustion efficiency, excess air, ambient CO monitor
- Flue gas CO detector, displaying PPM to alert CO poisoning hazard
- CO over-limit sensing provides sensor longevity
- Field-replaceable sensors
- Built-in dual pressure manometer and optional manometer tube accessory to monitor system and flue pressures
- 15 pre-programmed fuels and internal data storage
- Six simultaneous readings on backlit display
- Compact and lightweight with a magnetic protective holster
- 7" duct probe with adjustable depth stop for easy access
- Inline condensate trap and soot filter for easy cleanup
- YELLOW JACKET® YJ Combustion App
- Automatic generation of QR Code to download analyses for records
- Long-lasting, rechargeable battery
- Protective hard carrying case
- Wireless printer option (included in CA502P P/N 68602)
- Ideal for high-efficiency condensing HVAC systems
- One-year warranty



| UPC # | Description |
|-------|---|
| 68601 | Combustion Analyzer CA502 |
| 68602 | Combustion Analyzer CA502P with Printer |
| 68611 | Combustion Analyzer Printer |
| 68612 | Combustion Analyzer Filters 5-Pak |

COMBUSTIBLE GAS LEAK DETECTOR

NEW!

Quickly Detect Gas Leaks in Hard-to-Reach Places

- Detects combustible hydrocarbon gases (i.e. natural gases, LPG) with rapid response time
- Displays readings in PPM, % Vol, % LEL
- Auto-zero drift adjustment
- Audible and visible alarms
- Flexible 11" gooseneck probe
- Field replaceable sensors
- Protective hard carrying case
- One-year warranty



| UPC # | Description |
|-------|-------------------------------|
| 69310 | Combustible Gas Leak Detector |

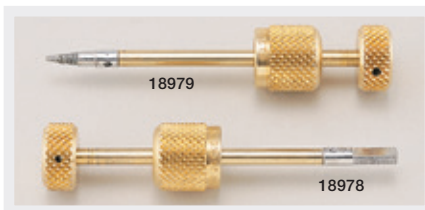
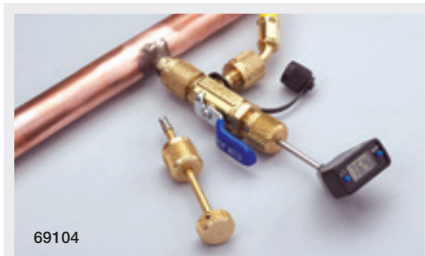
1. CHARGING SYSTEMS
 2. GAUGES
 3. RECOVERY MACHINES
 4. VACUUM PUMP SYSTEMS
 5. VACUUM AND CHARGING HOSES
 6. HOSE ADAPTERS, VALVES & PARTS
 7. WIRELESS AND ELECTRONIC INSTRUMENTS
 8. LEAK DETECTORS AND MONITORS
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SUPERHEAT CALCULATION KIT



Easily take an internal temperature reading for calculating system superheat.

- Read from -58° to 302°F (-50° to 150°C)
- °F/°C switchable
- Extract Schrader cores without opening system
- Remove broken Schrader cores
- Chase damaged threads
- Replace cores
- Use as vacuum valve to increase flow and reduce vacuum and charging time
- Use to reduce recovery time
- Made in the USA



Accessory set 18980.

| UPC# | Description |
|-------|---|
| 69103 | Superheat kit without accessory kit |
| 69104 | Complete superheat kit and accessories (as shown) |
| 69106 | Digital thermometer and nut - 40° to 230°F |
| 69107 | Pocket thermometer (made in China) |
| 18975 | Improved vacuum/charge valve |
| 18978 | Schrader rethreading accessory |
| 18979 | Broken Schrader remover accessory |
| 18980 | Accessory set - 2 piece |
| 18997 | Grappler rod and nut assembly |

WATER-TYPE MANOMETER

Economical plastic tube manometer helps you set manifold pressure for natural or L.P. gas. Goes to -2" W.C. for newer systems.



- Strong magnet on manometer holds it in convenient upright position
- Includes tubing with fitting
- Made in the USA

| UPC# | Description |
|-------|----------------------------------|
| 78070 | -2" - 0 - 7-1/2" scale manometer |
| 78075 | -2" - 0 - 15" scale manometer |
| 78071 | Tubing with fitting |
| 59511 | Brass fitting only |

HEAT PUMP KIT 5/16"

Complete Kit for Fast, Safe Heat Pump Installations and Service.



The **YELLOW JACKET®** Heat Pump Kit is developed specifically for R410A/R32 Mini-Split Systems with a single 5/16" SAE access point. This kit allows the service technician to quickly and safely install and service heat pumps with minimal refrigerant loss. Featuring a 3 1/8" (80 mm) heavy duty gauge and hose set designed for 800 psi, it can read pressure whether the heat pump is in heating, cooling or transition. The Heat Pump Kit includes a thermometer, core removal tool, OMNI™ digital vacuum gauge and eccentric cone flaring tool. The rugged carrying case keeps all tools organized and protected.



| UPC # | Description |
|-------------------|---|
| 61040 | Heat Pump 5/16" |
| Replacement Parts | |
| 40346 | Heat Pump Single Valve Manifold R-410A/R-32 °F and °C |
| 49142 | Replacement Gauge R-410A/R-32 °F and °C |
| 29491 | Heavy Duty 12" Hose with 1/4" x 5/16" Ball Valve |
| 15024 | Heavy Duty 24" Hose with 1/4" x 1/4" 45° Black |
| 18985 | 5/16" Core Removal Tool |
| 69239 | Digi-Alarm Thermometer |
| 60295 | Eccentric Cone Flaring Tool |
| 69021 | OMNI™ Digital Vacuum Gauge with 5/16" Coupler |
| 61045 | Carrying Case |

DIGITAL PSYCHROMETER



Quickly measure humidity, dry bulb, dew point and wet bulb. No need to whirl a meter or refer to a chart for results.

- °F/°C switchable
- Data hold
- Auto power off
- Display relative humidity and temperature simultaneously
- Response time of 60 seconds to changes in humidity

Specifications

Temperature range: -4° to 122°F (-20° to 50°C)
 Resolution: 0.1°F/°C, 0.1% RH
 Operating temperature range: 4° to 122°F (-20° to 50°C) 0-100% RH
 Power: 2 AAA batteries
 Dimensions: 7" x 1-7/8" x 1" (178 mm x 48 mm x 25 mm)
 Weight: 2.65 oz. (75 g)
 Accuracy: Relative humidity functions (± 3% RH at 25°C)
 Temperature ± 1°F (0.6°C)
 Sensors: Temperature: thermistor bead
 Humidity: polymer film (capacitance)
 Update rate: 2-6 seconds depending on function

| UPC# | Description |
|-------|----------------------|
| 69008 | Digital psychrometer |

FUEL OIL TEST KIT



Determine pump efficiency, cut-off and suction, as well as analyze or troubleshoot burner efficiency.

Kit includes 2" gauge, 30" 0-150 lb. scale and 12" hose with fittings.



| UPC# | Description |
|-------|-------------------------------------|
| 78020 | Complete fuel oil gauge kit |
| 78021 | 2" Fuel oil gauge only |
| 78023 | Carrying case |
| 78011 | 12" Hose – no valve opener |
| 78024 | Fitting set (4 pak) |
| 78025 | Adapter for 1/8" NPT |
| 78031 | 2-1/2" Gauge, scale 30", 0-150 lbs. |
| 78032 | 2-1/2" Gauge, scale 30", 0-300 lbs. |

All gauges are 1/8" NPT.

OIL PUMP VIBRATION ELIMINATOR



Reinforced rubber hose helps eliminate noise and vibration when installed in a heating system.

- 1250 psi (86 bar) minimum burst, 250 psi (17 bar) maximum working pressure
- Operating temperature -20° to 180°F (-28.8° to 82.2°C)
- Made in the USA

| UPC# | Length | Description |
|-------|--------|--|
| 78012 | 12" | 3/8" Male flare x 1/4" NPT Male oil burner connector |

ADAPTER CORD – TEST CONNECTOR

A 12" lead using number 14-3 wire and Female plug one end. Three large clips other end with red, black and green insulators. 120/240V – AC.




| UPC# | Maximum amps | Clip size |
|-------|--------------|-----------|
| 69522 | 15 Amp | Large |

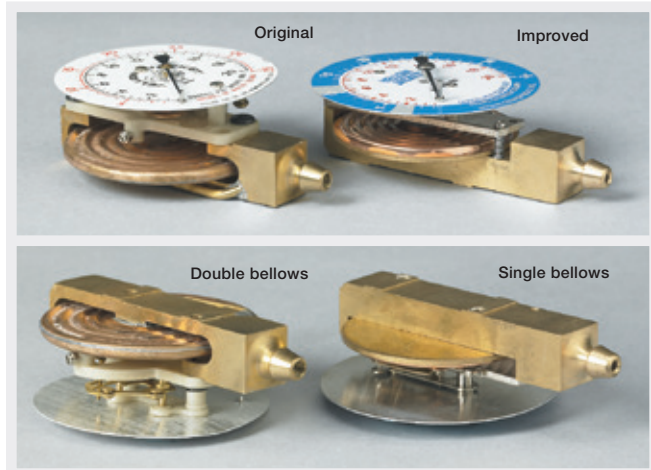
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GAS PRESSURE TEST KIT



Easier to use than a manometer, this compact kit helps you accurately set manifold pressure for natural or L.P. gas.

- Sensitive diaphragm gauge calibrated in inches of water column and ounces per square inch
- Improved lamination strength of diaphragm (bellows) to brass plate withstands higher over-pressure
- Tube nipple for easy connection to system manifold
- Two gauge ranges available
- Made in the USA 



The unique single bellows on brass plate design replaces the double bellows for a stronger seal that better resists over-pressure.

| UPC# | Description |
|-------|----------------------------------|
| 78055 | Complete test kit – 0-10" W.C. |
| 78056 | Barb-fitting gauge – 0-10" W.C. |
| 78057 | 1/4" NPT Male gauge – 0-10" W.C. |
| 78060 | Complete test kit – 0-35" W.C. |
| 78061 | Barb-fitting gauge – 0-35" W.C. |
| 78066 | 1/4" NPT Male gauge – 0-35" W.C. |
| 78062 | Hose with nipple |
| 78064 | Brass barb-fitting |
| 78065 | Rubber nipple |
| 78059 | Gauge crystal |
| 78063 | Carrying case |

2" GAS TEST GAUGE

1/2", 3/4" and 1" pipe



Easy-to-read gauge to test system pressure for leaks in new installations. Pressure drop indicates leakage. 0-30 gauge is in 1/4 lb. increments and 0-15 gauge is in 1/5 lb. increments. Brass threaded bell for leak tight connection.

| UPC# | Description |
|-------|---|
| 78076 | 2" Test unit 0-15 lb. gauge 1/2" pipe |
| 78077 | 2" Test unit 0-15 lb. gauge 3/4" pipe |
| 78080 | 2" Test unit 0-30 lb. gauge 3/4" pipe |
| 78087 | 2" Test unit 0-60 lb. gauge 3/4" pipe |
| 78090 | 2" Test unit 0-100 lb. gauge 3/4" pipe |
| 78091 | Gauge 1/4" NPT Male 0-100 lb. |
| 78079 | 2" Test unit 0-15 lb. gauge 1" pipe |
| 78085 | 2" Test unit 0-30 lb. gauge 1" pipe |
| 78095 | 2" Test unit 0-100 lb. gauge 1" pipe |
| 78096 | Schrader fitting 1/8" NPT Male x tire fitting (0.305" - 32) |

3-1/2" GAS TEST GAUGE

3/4" and 1" pipe



Larger 3-1/2" gauges are easier to read. Scale in psi and bar. Brass threaded bell for leak tight connection.

| UPC# | Description |
|-------|---------------------------------------|
| 78084 | 3-1/2" Test unit 0-30 3/4" pipe |
| 78086 | 3-1/2" Test unit 0-100 3/4" pipe |
| 78088 | 3-1/2" Test unit 0-30 1" pipe |
| 78089 | 3-1/2" Test unit 0-100 1" pipe |
| 49422 | Gauge only 3-1/2" test unit 0-60 psi |
| 49421 | Gauge only 3-1/2" test unit 0-30 psi |
| 49424 | Gauge only 3-1/2" test unit 0-100 psi |