

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



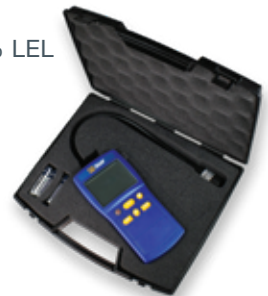
UPC #	Description
68601	Combustion Analyzer CA502
68602	Combustion Analyzer CA502P with Printer
68611	Combustion Analyzer Printer
68612	Combustion Analyzer Filters 5-Pak

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



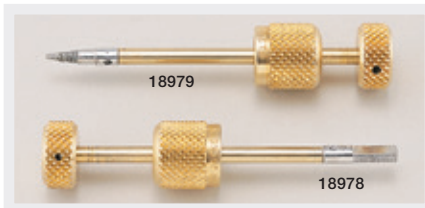
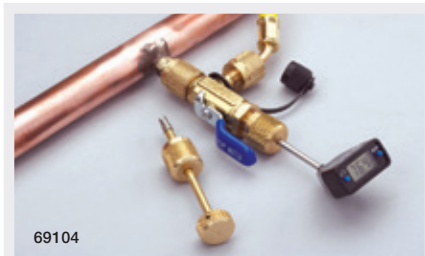
UPC #	Description
69310	Combustible Gas Leak Detector

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

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

9. HEATING INSTRUMENTS

10. SYSTEM TOOLS

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

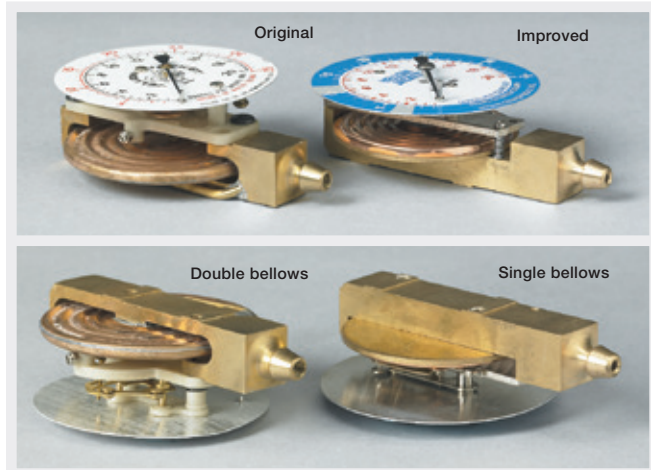
1. CHARGING SYSTEMS
 2. GAUGES
 3. RECOVERY MACHINES
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GAS PRESSURE TEST KIT



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