

# Hydrocarbon Charging Kit




## Bottle Stand and High Precision Scale Make it Easy to Accurately Weigh the Critical Charge Required for Hydrocarbon Systems.

The **YELLOW JACKET® Hydrocarbon Charging Kit** provides all the necessary tools to charge R-290 (propane) and R-600a (isobutane) hydrocarbon systems safely and effectively. The single valve manifold and small ID hoses allow for effective system pressure measurement while minimizing the impact on the system charge. The bottle valve and adapters offer compatibility with a variety of R-290 and R-600a refrigerant bottles.



## FEATURES & BENEFITS

- Compact charging scale provides 0.05 g (0.01 oz) resolution for accurate charging
- Bottle stand offers stability for liquid charging with inverted refrigerant bottles
- Single valve manifold with 0.08" (2mm) ID x 24" REFFLEX® hoses
- Bottle valve for 7/16" threaded bottles
- Bottle adapter for 1" threaded bottles
- 90° quick-coupler fitting for compatibility with piercing and other right-angle bottle valves
- Line tap valve for system connection to 1/4", 5/16" or 3/8" process lines
- Vice grip pinch-off tool for crimping process tube after service is completed
- Safety placard provides visual warning of flammability risk during service
- Rugged case to protect the equipment when not in use
- One-year warranty
- Made in USA 



## BOTTLE COMPATIBILITY

There are many different refrigerant bottle styles in the market for R-290 and R-600a. With that in mind, the **YELLOW JACKET® Hydrocarbon Charging Kit** has been designed to support these various bottle configurations. The 61008 Hydrocarbon Bottle Valve works with most self-sealing 7/16" threaded bottle connections. When working with 1" threaded bottle connections, the 61009 Hydrocarbon Bottle Adapter can be used. The 19201 90° Quick Coupler (pictured) even provides the ability to attach puncture-style and other right-angle bottle valves for accurate liquid charging.

# SPECIFICATIONS

## Overall Kit

Compatible Refrigerants: R-290 and R-600a  
 System Connections: 1/4", 5/16", 3/8" OD Tubing  
 Operating Temperature: 0° to 130°F (-18° to 55°C)  
 Operating Pressure: -14.7 to 101 psi (-1 to 7 bar)  
 Bottle Compatibility: Valve and adapter work with most 7/16" and 1" threaded bottle connections. The 19201 90° Quick Coupler allows for connection of piercing-type and other right-angle bottle valves.

## Charging Scale

Capacity: 13.22 lb (6 kg)  
 Accuracy: 0.1%  
 Units of Measure: Grams (g), Pounds (lb), Pounds & Ounces (lb/oz), Ounces (oz), Milliliters (ml)  
 Resolution: 0.01 oz (0.05 g)  
 Overload Protection: Yes  
 Power: (3) AAA Batteries (included)  
 Battery Life: 50+ hours  
 Auto-Off Timer: 2 minutes after last reading change (optional 5 minutes - see QSG)

## Hydrocarbon Single Valve Manifold

Pressure Range: -14.7 to 101 psi (-1 to 7 bar)  
 Refrigerants: R-290 and R-600a (saturation temperatures in °F and °C)  
 Hose Length: 24" (610 mm)

UPC #	Description
61001	Hydrocarbon Charging Kit
UPC #	Replacement Parts
19201	90° Quick Coupler (for right-angle bottle valves)
40349	Low-Side Manifold R-600a/290
49188	3-1/8", Blue Compound, bar/psi, R-600a/290 Gauge (°F/°C)
60661	Vice Grip Pinch-Off Tool
61002	HC Kit Bottle Stand
61003	HC Kit Scale
61004	HC Kit Manifold Assembly (manifold, hoses and connectors)
61005	HC Kit Hose (single 0.08"/2 mm x 24" yellow hose)
61008	HC Kit Bottle Valve (for 7/16" threaded bottle connections)
61009	HC Kit Bottle Adapter (for 1" threaded bottle connections)
61010	Line Tap Valve
61013	Propane Safety Placard



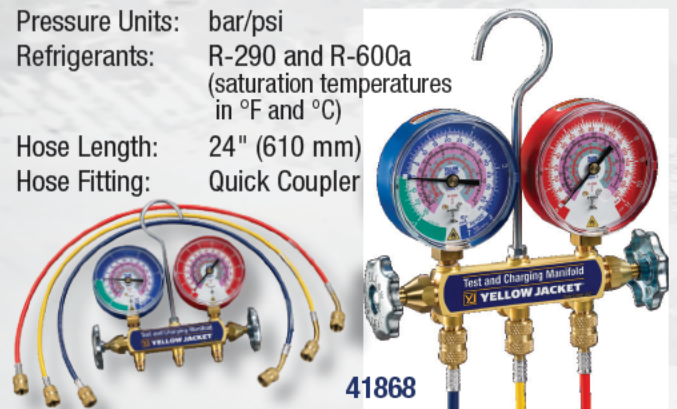
61003



61004

## Series 41 Hydrocarbon 2-Valve Manifold

Pressure Units: bar/psi  
 Refrigerants: R-290 and R-600a (saturation temperatures in °F and °C)  
 Hose Length: 24" (610 mm)  
 Hose Fitting: Quick Coupler



41868

UPC #	Description
41868	Series 41 Hydrocarbon 2-Valve Manifold with 24" (610 mm) RYB REFFLEX® Hoses
41867	Series 41 Hydrocarbon 2-Valve Manifold
61015	Hydrocarbon Hoses 24" (610 mm) RYB REFFLEX® 3 pak