

# Hydrocarbon Charging Kit



# YELLOW JACKET®



**The bottle stand and high precision scale make it easy to accurately weigh the critical charge required for these 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                                            |

### 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)                                            |



61003



61004

| 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)    |
| 61002 | HC Kit Bottle Stand                                         |
| 61003 | HC Kit Scale                                                |
| 61004 | HC Kit Manifold Assembly (manifold, hoses, 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                                      |
| 60661 | Vice Grip Pinch-Off Tool                                    |