



**Taylor-Wharton**  
Equipping The Hydrogen Infrastructure

# Taylor-Wharton

## *Beverage Carbonation Systems*



## *Redefining Performance*

# Better Business...

## For You and Your Customers.

### Only EasyCarb Offers:

- Instrument grade fittings and less threaded connection - reduce risk of leaks from loosened fittings
- Simplified plumbing and fewer parts - cleaner look, less potential for leaks and easier to maintain
- Easy to read, color coded tank and line pressure gages - highlight normal operating ranges
- Bold labeling on tank and line pressure gages - makes it simple for technicians and customers to identify the correct gauge
- Instrument grade in-line valves
- Improved heater design and heater controller

| MODEL NO.                                                                                                       | EasyCarb-300                                                               | EasyCarb-450                                                               | EasyCarb-550                                                               | EasyCarb-600                                                               | EasyCarb-600 120 VAC                                                       | EasyCarb-750                                                               | EasyCarb-750 120 VAC                                                       | EasyCarb-750-HF                                                            |
|-----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------------------|
| <b>Dimensions</b><br>Diameter in. (mm)<br>Height in. (mm)                                                       | 20 (508)<br>49.4 (1255)                                                    | 20 (508)<br>64.6 (1641)                                                    | 22 (559)<br>68.2 (1733)                                                    | 22 (559)<br>70.0 (1778)                                                    | 22 (559)<br>70.0 (1778)                                                    | 26 (660)<br>70.5 (1791)                                                    | 26 (660)<br>70.5 (1791)                                                    | 26 (660)<br>70.5 (1791)                                                    |
| <b>Weight</b><br>Empty lb. (kg) (Nominal)                                                                       | 231 (105)                                                                  | 309 (140)                                                                  | 410 (186)                                                                  | 420 (191)                                                                  | 420 (191)                                                                  | 348 (158)                                                                  | 348 (158)                                                                  | 348 (158)                                                                  |
| <b>Capacity, CO2 Saturated @ 125 psig (8.6 bar)</b><br>Liquid lb. (kg)<br>Gaseous cu.ft. *cu. m)<br>@ NTP (STP) | 301 (137)<br>2628 (69)                                                     | 447 (203)<br>3906 (103)                                                    | 574 (260)<br>5020 (132)                                                    | 594 (269)<br>5195 (136)                                                    | 594 (269)<br>5195 (136)                                                    | 789 (358)<br>6897 (182)                                                    | 789 (358)<br>6897 (182)                                                    | 789 (358)<br>6897 (182)                                                    |
| <b>Flow Rates</b><br>Peak Demand lb./hr. (kg/hr.)<br>Continuous lb./hr. (kg/hr.)                                | 7 (3.2)<br>5.0 (2.3)                                                       | 12.0 (5.4)<br>7.0 (3.2)                                                    | 20 (9.0)<br>10.0 (4.5)                                                     | 20 (9.0)<br>10.0 (4.5)                                                     | 40 (18.0)<br>20.0 (9.0)                                                    | 20 (9.0)<br>10.0 (4.5)                                                     | 40 (18.0)<br>20.0 (9.0)                                                    | 40 (18.0)<br>15.0 (6.8)                                                    |
| <b>Minimum Usage (no venting)</b><br>Liquid lb./day (kg./day)                                                   | 2.5 (1.3)                                                                  | 2.7 (1.22)                                                                 | 2.9 (1.32)                                                                 | 2.9 (1.32)                                                                 | 2.9 (1.32)                                                                 | 3.0 (1.4)                                                                  | 3.0 (1.4)                                                                  | 3.0 (1.4)                                                                  |
| <b>Pressure Building System</b><br>Standard Operating Pressure                                                  | 125 psig<br>(8.6 bar)                                                      | 125 psig<br>(8.6 bar)                                                      | 125 psig<br>(8.6 bar)                                                      | 125 psig<br>(8.6 bar)                                                      | 125 psig<br>(8.6 bar)                                                      | 125 psig<br>(8.6 bar)                                                      | 125 psig<br>(8.6 bar)                                                      | N/A                                                                        |
| <b>"Economizer Circuit System</b><br>Standard Operating Pressure"                                               | N/A                                                                        | N/A                                                                        | N/A                                                                        | N/A                                                                        | N/A                                                                        | N/A                                                                        | N/A                                                                        | 140 psig<br>(8.6 bar)                                                      |
| <b>Safety Device Settings</b><br>Primary Relief Valve<br>Secondary Relief Valve<br>Fill line Relief Valve       | 300 psig<br>(20.7 bar)<br>330 psig<br>(22.8 bar)<br>400 psig<br>(31.0 bar) | 300 psig<br>(20.7 bar)<br>330 psig<br>(22.8 bar)<br>400 psig<br>(31.0 bar) | 300 psig<br>(20.7 bar)<br>330 psig<br>(22.8 bar)<br>400 psig<br>(31.0 bar) | 300 psig<br>(20.7 bar)<br>330 psig<br>(22.8 bar)<br>400 psig<br>(31.0 bar) | 300 psig<br>(20.7 bar)<br>330 psig<br>(22.8 bar)<br>400 psig<br>(31.0 bar) | 300 psig<br>(20.7 bar)<br>330 psig<br>(22.8 bar)<br>400 psig<br>(31.0 bar) | 300 psig<br>(20.7 bar)<br>330 psig<br>(22.8 bar)<br>400 psig<br>(31.0 bar) | 300 psig<br>(20.7 bar)<br>330 psig<br>(22.8 bar)<br>400 psig<br>(31.0 bar) |

\*\* Flow rate using 120 VAC power. Using 240 CAV power, flow rate is 40 lb./hr. (18.0 kg./hr.) peak and 30 lb./hr. (9.0 kg./hr.) continuous.

The EasyCarb-600 is also available in 240 volt. (EasyCarb-600 240 VAC)

\* Height without legs: leg adds 4.0 in.

### Valuable options to customize your tanks!

- All models available with 6-inch legs
- Vent Fill configuration available on all three models
- Optional heater configuration - for higher flow applications

| EasyCarb OPTIONS             |
|------------------------------|
| 6" Legs                      |
| Vent Fill                    |
| Heater (standard on TCM-600) |
| Chemical Resistant Coating   |

Options are available for all models\* at an additional charge.

\* Exception: the EasyCarb-600 unit can have either the vent fill or heater, but not both on the same unit. The EasyCarb-750 unit has both.



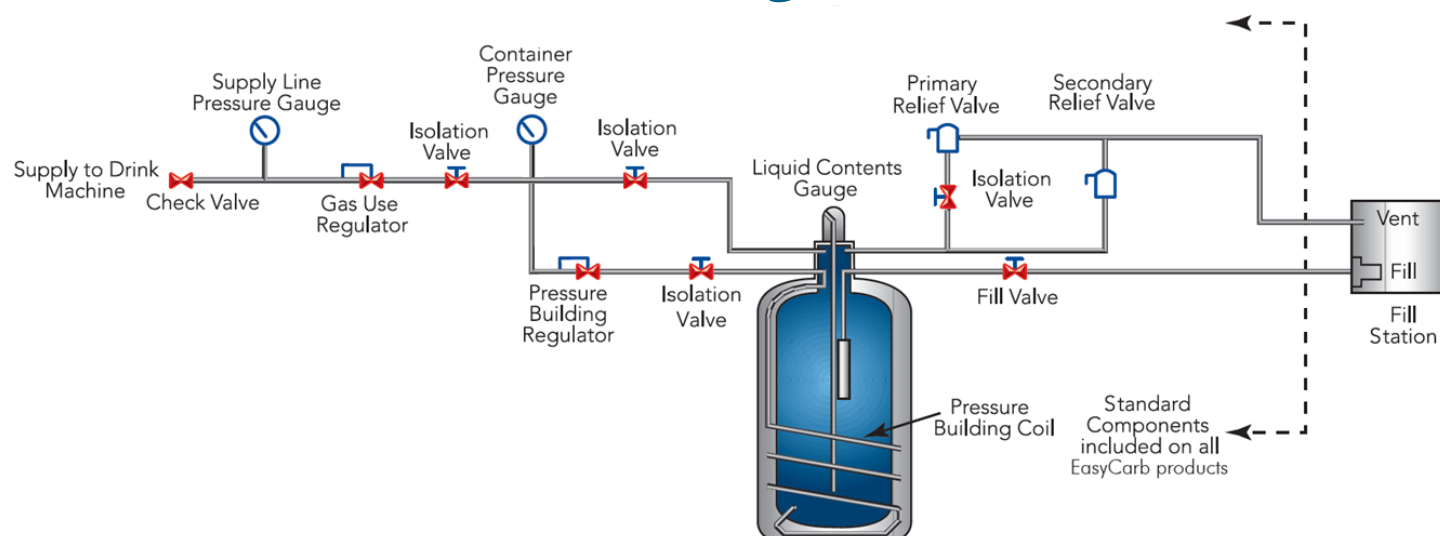
## Meet the EasyCarb-750

Convenient, simple and durable, the new EasyCarb series is designed to make your job easier. Featuring superior dimensions and intelligent design, these models redefine performance.

## Maximize your fill, Minimize your cost

- The TW 750 model meets the demand of high flow and high volume customers
- Optional Blue 3-Layer Coated Corrosion Resistant Coating Available
- Optional Foundation Ring Design Available to Meet California Seismic Requirements

## Flow Diagram



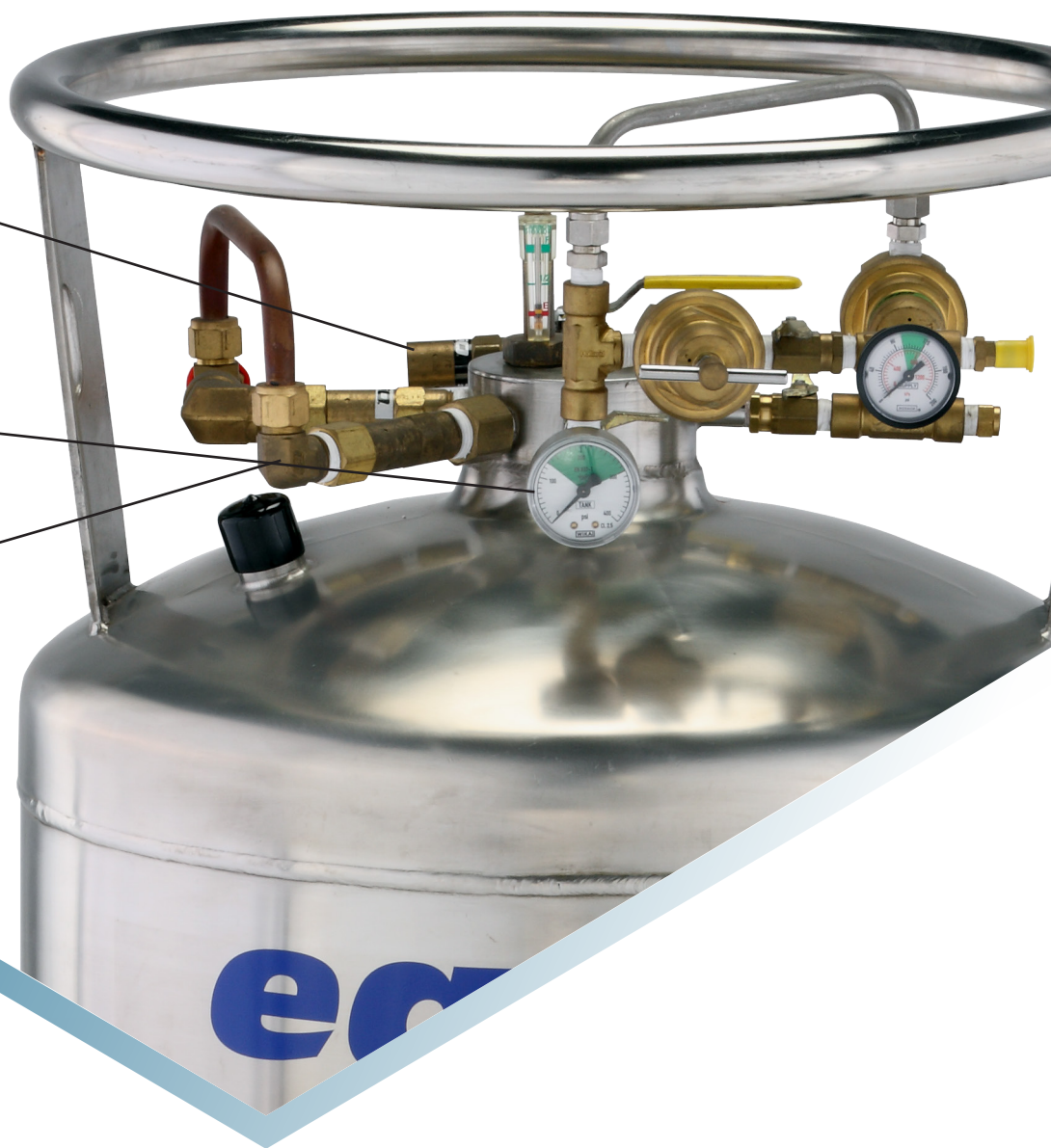


*Simplified Plumbing  
for a Cleaner  
Look*



*Easy to Read  
Color-Coded  
Gauges*

*Instrument  
Grade Valves*



## THE ORIGINAL INNOVATORS OF CRYOGENIC EQUIPMENT



**Taylor-Wharton**  
Equipping The Hydrogen Infrastructure  
[www.twcryo.com](http://www.twcryo.com)

*The Americas*

Phone: (251) 643-3024

*Asia-Pacific & Europe*

Phone: (+ 60 3) 5191-3003

*Email*

[sales@twcryo.com](mailto:sales@twcryo.com)

[customerservice@twcryo.com](mailto:customerservice@twcryo.com)