

Addendum to TW-289

Operating Instructions
for

XL-65 and XL-65HP
with Dual Regulator
To Include

XL-70 and XL-70HP
with Dual Regulator

Factory Code 7950-8344



Taylor-Wharton

This Addendum, TW-317, is intended to be used as a supplement to the XL-65/XL-65HP With Dual Regulator Operating Instructions, TW289.

With the exception of the specification data provided on the following page, all other information contained in Operating Instructions for the XL-65 and 65HP With Dual Regulator (TW-289) apply to the XL-70 and XL-70HP. Please refer to those operating instructions for General Information and data related to Safety, Operation, Maintenance, Troubleshooting, and Replacement Parts.

SPECIFICATIONS

| | XL-70 | XL-70HP |
|--|------------------------------|------------------------------|
| Dimensions | | |
| Diameter | 26 in. (660 mm) | 26 in. (660 mm) |
| Height* | 63 ¼ in. (1607 mm) | 63 ¼ in. (1607 mm) |
| Weight, Empty | | |
| 5 Caster Base | 395 lb. (179 kg) | 490 lb. (222 kg) |
| 4 Caster Base | 465 lb. (211 kg) | 560 lb. (254 kg) |
| Capacity, Gross | | |
| | 280 liters | 280 liters |
| Capacity, Useable Liquid | | |
| | 265 liters | 265 liters |
| Weight of Contents Maximum | | |
| Based on DOT rated service pressure | | |
| Carbon Dioxide | NA | 615 lb. (279 kg) |
| Oxygen | 606 lb. (275 kg) | 572 lb. (259 kg) |
| Nitrogen | 426 lb. (193 kg) | 400 lb. (181 kg) |
| Argon | 735 lb. (333 kg) | 695 lb. (315 kg) |
| Nitrous Oxide | NA | 584 lb. (265 kg) |
| Normal Evaporation Rate ** | | |
| (% Capacity per Day) | | |
| Carbon Dioxide | 0.75% | 0.75% |
| Oxygen | 1.0% | 1.0% |
| Nitrogen | 1.6% | 1.6% |
| Argon | 1.0% | 1.0% |
| Nitrous Oxide | 0.75% | 0.75% |
| Gas Flow Rate @ NTP (STP) | | |
| Carbon Dioxide | NA | 150 cfh (3.9 cu. m/h) |
| Oxygen, Nitrogen, Argon | 350 cfh (9.2 cu. m/h) | 350 cfh (9.2 cu. m/h) |
| Nitrous Oxide | NA | 110 cfh (2.9 cu. m/h) |
| Relief Valve Setting | | |
| | 230 psig (16 bar/1586 kPa) | 350 psig (24 bar/2413 kPa) |
| Inner Container Bursting Disc | | |
| | 360 psig (24.8 bar/2.48 kPa) | 525 psig (36 bar/2206 kPa) |
| Dual Pressure Building/ Economizer Regulator*** | | |
| Pressure Building Setting | 125 psig (8.6 bar/862 kPa) | 300 psig (20.7 bar/2069 kPa) |
| Economizer Setting | 145 psig (10 bar/1000 kPa) | 320 psig (22bar/2206 kPa) |
| Design Specifications | | |
| TC/DOT | 4LM/4L | 4LM/4L |
| Gaseous Capacity | | |
| Based on DOT Relief Valve Setting @NTP(STP) | | |
| Carbon Dioxide | NA | 5,376 SCF (152 cu. m) |
| Oxygen | 7,320 SCF (207 cu. m) | 6,910 SCF (196 cu. m) |
| Nitrogen | 5,879 SCF (166 cu. m) | 5,520 SCF (156 cu. m) |
| Argon | 7,112 SCF (201 cu. m) | 6,725 SCF (190 cu. m) |
| Nitrous Oxide | NA | 5,096 SCF (144 cu. m) |

Specifications subject to change without notice.

*5 Caster base used for height measurement; for 4 caster square base with handle, add approximately ½ in. (12.7 mm)

**Vented NER based on Usable Liquid Capacity.

*** Regulator has a pressure delta of 20 psig (1.4 bar/138 kPa).