

**Pressure Vessels – XL Series (PLV)**

*XL-100, XL-160, XL-180, XL-240, XL-45, XL-50, XL-55, XL-65, XL-45HP, XL-50HP, XL-55HP, XL-65HP*

<b>XL-100, XL-160, XL-180 &amp; XL-240</b>	All these vessels are transportable units built to rugged construction standards. They are specifically designed for the low pressure requirements of LN2 filling, storing & dispersing & feature easy, quick liquid withdrawal. This series is versatile and was built with the liquid nitrogen user in mind. The XL-100 meets the needs of small volume users, while XL-160 & XL-180 allow more frequent usage. The XL-240 is available in 50PSIG & 100PSI (3.4 bar and 6.9 bar) for oxygen service. The XL- 240 is available with pressure building capabilities.
<b>XL-45,XL-50,XL-55 &amp; XL-65</b>	These over-the-road transport cylinders feature automatic pressure-building and economizer circuits. Low-loss holding capabilities help conserve gas during low demand periods. These units are considered the workhorses of the industry.
<b>XL-45HP, XL-50HP, XL-55HP &amp; XL-65HP</b>	These high pressure units are equipped with automatic pressure building and economizer circuits, as well as an internal vaporizer, making them ideal for handling a variety of gases or liquefied gases.
<b>XL-50VHP</b>	The XL-50VHP offers the unique features of our HP models with an increased maximum allowable working pressure of 500 PSIG (34 bar). This unit is ideal for laser cutting and other high pressure applications.



<b>DESIGN SPECIFICATION</b> -TC N/A -DOT -Rated DOT Service Pressure	4LM 4L 100psig (6.9 bar/ 1213 kPa)	4LM 4L 100psig (6.9 bar/ 1213 kPa)	4LM 4L 100psig (6.9 bar/ 1213 kPa)	4LM 4L 100psig (6.9 bar/ 1213 kPa)	4LM 4L 200psig (13.8 bar/ 1379 kPa)	4LM 4L 200psig (13.8 bar/ 1379 kPa)	4LM 4L 200psig (13.8 bar/ 1379 kPa)	4LM 4L 200psig (13.8 bar/ 1379 kPa)	4LM 4L 292psig (20 bar/ 2013 kPa)	4LM 4L 292psig (20 bar/ 2013 kPa)	4LM 4L 292psig (20 bar/ 2013 kPa)	4LM 4L 292psig (20 bar/ 2013 kPa)	N/A 4L 412psig (28.4bar/ 2841 kPa)
<b>SAFETY DEVICES</b> -Pressure Relief Valve  -Inner Container Bursting Disc	22psig (1.5 bar/ 152 kPa)  176psig (12 bar/ 1213 kPa)	22psig (1.5 bar/ 152 kPa)  176psig (12 bar/ 1213 kPa)	22psig (1.5 bar/ 152 kPa)  176psig (12 bar/ 1213 kPa)	22psig (1.5 bar/ 152 kPa)  176psig (12 bar/ 1213 kPa)	230psig (16 bar/ 1586 kPa)  360psig (24.8bar/ 2482 kPa)	230psig (16 bar/ 1586 kPa)  360psig (24.8bar/ 2482 kPa)	230psig (16 bar/ 1586 kPa)  360psig (24.8bar/ 2482 kPa)	230psig (16 bar/ 1586 kPa)  360psig (24.8bar/ 2482 kPa)	350psig (24 bar/ 2413 kPa)  525 psig (36 bar/ 3620 kPa)	350psig (24 bar/ 2413 kPa)  525 psig (36 bar/ 3620 kPa)	350psig (24 bar/ 2413 kPa)  525 psig (36 bar/ 3620 kPa)	350psig (24 bar/ 2413 kPa)  525 psig (36 bar/ 3620 kPa)	500psig (34 bar/ 3447 kPa)  750 psig (52 bar/ 5171 kPa)
<b>WEIGHT OF CONTENTS</b> Based on DOT Rated Service Pressure -Nitrogen -Argon	173lb(78kg)  N/A	259lb(117kg)  N/A	296lb(134kg)  N/A	394lb(179kg)  N/A	273lb(124kg)  471lb(214kg)	293lb(133kg)  505lb(229kg)	319lb(145kg)  551lb(250kg)	380lb(172kg)  655lb(297kg)	252lb(114kg)  438lb(199kg)	269lb(122kg)  467lb(212kg)	298lb(135kg)  518lb(235kg)	353lb(160kg)  614lb(279kg)	240lb(190kg)  443lb(201kg)
<b>GASEOUS CAPACITY</b> Based on DOT rated Service Pressure @ NTP (STP) -Nitrogen  -Argon	N/A  N/A	N/A  N/A	N/A  N/A	N/A  N/A	3771cu. Ft. (99 cu. m)  4558 cu. Ft (120 cu. m)	4043cu. ft (106 cu. m)  4884 cu. ft (128 cu. m)	4402cu. ft (116 cu. m)  5331cu. ft (140 cu. m)	5244cu. ft (139 cu. m)  6335 cu. ft (166 cu. m)	3478cu. ft (91 cu. m)  4236cu. ft (111 cu. m)	3712cu. ft (98 cu. m)  4516cu. ft (119 cu. m)	4112cu. ft (108 cu. m)  5012cu. ft (132 cu. m)	4871cu. ft (128 cu. m)  5938cu. ft (156 cu. m)	3312cu. ft (87 cu. m)  4285cu. ft (113 cu. m)