



Taylor-Wharton
Since 1742

Original XL™ Liquid Cylinders TPED



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FOR LABORATORY & INDUSTRY

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		Low Pressure Liquid Withdrawal							Medium Pressure Gas & Liquid Withdrawal		High Pressure Gas & Liquid Withdrawal			
Trademark Model		XL™-70 LP	XL™-126 LP	XL™-186 LP	XL™-186 LP	XL™-189 LP	XL™-250 LP RB	XL™-250 LP SB	XL™-180 MP	XL™-193 MP	XL™-176 HP	XL™-208 HP	XL™-247 HP RB	XL™-247 HP SB
Part Number	no PBU PBU	LC070L-OC03TPED	LC126L-OC03TPED	LC186L-OC02TPED	LC186L-OC03TPED	LC189L-OC01TPED	LC250L-OC01TPED	LC250L-OC05TPED	LC180M-OC12TPED	LC193M-OC12TPED	LC176H-OC12TPED	LC208H-OC14TPED	LC247H-OC14TPED	LC247H-OC15TPED
Capacity														
Liquid (gross)	(liters)	70	126	186	186	189	250	250	180	193	176	208	247	247
Liquid (net)	(liters)	67	120	180	180	181	240	240	169	181	165	198	240	240
Performance														
NER ^(note 2) (N ₂)	(% per day)	4,2	2,20	1,30	1,30	1,40	1,40	1,40	1,9	1,8	2,2	1,9	2,8	2,8
NER (O ₂ - Ar)	(% per day)	2,63	1,38	0,81	0,81	0,88	0,88	0,88	1,2	1,1	1,4	1,2	1,7	1,7
NER (CO ₂)	(% per day)	NA	NA	NA	NA	NA	NA	NA	NA	NA	0,75	0,75	1,3	1,3
Relief Valve Setting	(bar)	1,5	1,5	1,5	1,5	1,5	1,5	1,5	16	16	24	24	24	24
Rupture Disc Setting	(bar)	12	12	12	12	12	12	12	25	25	36	36	36	36
Dimensions														
Tank Diameter	(mm)	508	508	508	508	660	660	660 ⁽⁵⁾	508	508	508	508	660	660 ⁽⁵⁾
Type of Base		Round	Round	Round	Round	Round	Round	Square	Round	Round	Round	Round	Round	Square
Tank Height	(mm)	1 100	1 370	1 524	1 720	1 280	1 470	1 485	1 524	1 600	1 524	1 650	1 470	1 485
Tank Empty Weight	(kg)	71	82	115	115	116	149	181	133	139	151	164	201	233
Maximum Product Weight ^(note 3 & 4)														
N ₂	(kg)	54	97	145	145	146	194	194	136	146	133	160	194	194
O ₂	(kg)	77	137	206	206	207	274	274	193	207	188	226	274	274
Ar	(kg)	NA	NA	NA	NA	NA	NA	NA	236	253	230	276	335	335
CO ₂	(kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	188	226	274	274
Gas Withdrawal Rate														
N ₂	(m ³ /hr)	NA	NA	NA	NA	NA	NA	NA	9,2	9,2	9,2	9,2	9,2	9,2
O ₂	(m ³ /hr)	NA	NA	NA	NA	NA	NA	NA	9,2	9,2	9,2	9,2	9,2	9,2
Ar	(m ³ /hr)	NA	NA	NA	NA	NA	NA	NA	9,2	9,2	9,2	9,2	9,2	9,2
CO ₂	(m ³ /hr)	NA	NA	NA	NA	NA	NA	NA	NA	NA	3,9	3,9	3,9	3,9

Notes:

- Prices EXW Mielec (39-300 PL)
- Specifications may change without notice
- NER: Normal Evaporation Rate
- Weight of product saturated pressure @ 1 bar: N₂, O₂ and Ar
- Weight of product saturated pressure @ 8 bar: CO₂
- Square Base Dimensions: 718mm x 718mm & 715 mm x 675 mm

Part number	Accessories
-	C-Stic digital level indicator + mesuring rod
-	Trolley for footing base tanks
TWM-SPP-0041	Fitting CGA 295 (1/2") ext. / 3/8" NPT ext. (N ₂ , Ar, CO ₂ , N ₂ O) LIQUID or VENT Connection
TWM-SPP-0044	Fitting CGA 440 ext. / 3/8" NPT ext. (O ₂), LIQUID or VENT Connection
TWM-SPP-0060	Fitting CGA 540 ext. / 3/8" NPT ext. (O ₂), USE Connection
TWM-SPP-0052	Liquid nitrogen multi withdrawal manifold with 2 valves
TWM-SPP-0048	Phase separator 14x31mm 1/8 MNPT+ sleeve 1/8 FNPT
TWM-SPP-0049	Phase separator 22x54mm 3/8 MNPT+ sleeve 3/8 FNPT
TWM-SPP-0050	Phase separator 25x62mm 1/2 MNPT+ sleeve 1/2 FNPT
TWM-SPP-0037	Pressure gauge 4bar 1/4 in. NPT
TWM-SPP-0015	Relief Valve 1.5 Bar (6913-9069TPED)
TWM-SPP-0014	Relief Valve 15.9 Bar (6913-9070TPED)
TWM-SPP-0063	Relief Valve 24 Bar (6913-9071TPED)
TWM-SPP-0040	Repair kit for shut-off valve CASH series 2300 (extended stem)
TWM-SPP-0039, 59	Repair kit for shut-off valve CASH series 2300 (short stem) blue (B), green (G)
TWM-SPP-0058	Repair kit for shut-off valve CASH series 2300 (short stem) plain (P)
TWM-SPP-0054	Square base assembly C.S. casters and brake (XL65-9C59TPED)
TWM-SPP-0070	SS hose RS 531 S 12, L=1200mm with endings CGA-295 (nut) / 3/8 in. MNPT
TWM-SPP-0033	SS hose RS 531 S 12, L=1200mm with endings CGA-295 (nut) both sides / 3/4 in.
TWM-SPP-0069	SS hose RS 531 S 12, L=1800mm with endings CGA-295 (nut) / 3/8 in. MNPT
TWM-SPP-0034	SS hose RS 531 S 12, L=1800mm with endings CGA-295 (nut) both sides / 3/4 in.
TWM-SPP-0068	SS hose RS 531 S 12, L=1800mm with endings CGA-440 (nut) / 3/8 in. MNPT, adjusted for oxygen
TWM-SPP-0051	SS hose RS 531 S 12, L=1800mm with endings CGA-440 (nut), adjusted for oxygen

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