



DOT/TC Cryogenic Cylinders

Model		160-MP	180-MP	160-HP	180-HP	200-HP	200-VHP	240-HP	265-HP	450-MP	450-HP
Capacity											
Liquid (Gross)	liter	175	195	175	195	205	197	250	276	450	450
Liquid (Net)	liter	165	185	165	185	195	185	240	265	427	427
Gas (N ₂)	ft ³ / Nm ³	3426 / 97	3814 / 108	3214 / 91	3602 / 102	3779 / 107	3214 / 91	4520 / 128	5050 / 143	8758 / 248	8277 / 234
Gas (O ₂)	ft ³ / Nm ³	4238 / 120	4732 / 134	4026 / 114	4485 / 127	4732 / 134	4308 / 122	5650 / 160	6321 / 179	10890 / 308	10372 / 293
Gas (Ar)	ft ³ / Nm ³	4132 / 117	4591 / 130	3920 / 111	4379 / 124	4591 / 130	4167 / 118	5509 / 156	6144 / 174	10614 / 300	10098 / 286
Performance											
NER (N ₂)	%per day	2.1	2.0	2.1	2.0	2.0	2.1	2.0	2.0	1.8	1.8
Dimension & Pressure ratings											
Relief Valve Setting	psi / bar	230 / 15.8	230 / 15.8	350 / 24.1	350 / 24.1	350 / 24.1	500 / 34.5	350 / 24.1	350 / 24.1	230 / 15.8	350 / 24.1
Operating Pressure	psi / bar	200 / 13.8	200 / 13.8	292 / 20.2	292 / 20.2	292 / 20.2	412 / 28.4	292 / 20.2	292 / 20.2	200 / 13.8	292 / 20.2
Diameter	in / cm	20 / 50.8	20 / 50.8	20 / 50.8	20 / 50.8	20 / 50.8	20 / 50.8	26 / 66	26 / 66	33.5 / 85	33.5 / 85
Height	in / cm	58.3 / 148	63.5/161.4	58.3 / 148	63.5 / 161.4	65.6 / 166.6	64.1 / 162.7	57.1 / 145	60.6 / 154	83.3 / 21.2	83.3 / 21.2
Tare Weight kg(lbs)	lb / kg	267 / 121	287 / 130	267 / 121	287 / 130	337 / 153	388 / 176	386 / 175	430 / 195	771 / 350	860 / 390
Max. Filling Weight (N ₂)	lb / kg	267 / 121	297 / 135	251 / 114	280 / 127	296 / 134	252 / 114	386 / 175	423 / 195	684 / 310	646 / 293
(O ₂)	lb / kg	379 / 172	421 / 191	359 / 163	402 / 182	424 / 192	382 / 173	505 / 229	564 / 256	972 / 441	926 / 420
(Ar)	lb / kg	461 / 209	513 / 233	436 / 198	488 / 221	514 / 233	466 / 211	615 / 279	685 / 311	1179 / 535	1122 / 509
(CO ₂)	lb / kg	N/A	N/A	388 / 176	430 / 195	454 / 206	402 / 182	516 / 234	606 / 275	N/A	992 / 450
Full Weight (N ₂)	lb / kg	534 / 242	584 / 265	540 / 245	606 / 275	633 / 287	633 / 287	739 / 335	824 / 374	1455 / 660	1506 / 683
(O ₂)	lb / kg	646 / 293	708 / 321	648 / 294	728 / 330	761 / 345	763 / 346	891 / 404	994 / 451	1743 / 790	1786 / 810
(Ar)	lb / kg	728 / 330	800 / 363	725 / 329	814 / 369	851 / 386	847 / 384	1001 / 454	1115 / 506	1950 / 845	1982 / 899
(CO ₂)	lb / kg	N/A	N/A	677 / 307	756 / 343	791 / 359	783 / 355	902 / 409	1036 / 470	N/A	1852 / 840