

Perma-Cyl Specifications

Our centralized technical and full-service teams are staffed with trained specialists that are highly qualified to answer technical questions, order spare parts and provide training at customer sites.

P/N	11042505	10979144	10896592	10939687	10898694	10982263	10914877	11196387	10907634	10879864	10923909	11075024	11501804	11195763
DESCRIPTION	230 Liter B MP Square Base w/Casters	230 Liter B MP Foot Ring Base	230 Liter C MP, LCCM Square Base w/Casters	230 Liter C MP, LCCM Round Base w/Casters	230 Liter C HP, LCCM Square Base w/Casters	230 Liter C HP, LCCM Round Base w/Casters	450 Liter MP Round Base Plate	450 Liter HP Plate Base	450 Liter VHP Plate Base	1000 Liter MP Plate Base	1000 Liter HP Plate Base	1000 Liter VHP Plate Base	1500 Liter HP Pallet Base	1500 Liter VHP Pallet Base
CAPACITY (liters)														
Gross	240	240	240	240	240	240	450	450	450	1,056	1,056	1,056	1,550	1,550
Net	230	230	230	230	230	230	420	420	420	950	950	950	1,455	1,455
MAWP														
psig	250	250	235	235	350	350	250	350	500	350	350	500	350	500
bar	17.2	17.2	16.2	16.2	24.1	24.1	17.2	24.1	34.5	24.1	24.1	34.5	24.1	34.5
DESIGN SPEC	ASME	ASME	DOT	DOT	DOT	DOT	ASME	ASME	ASME	ASME	ASME	ASME	ASME	ASME
STORAGE CAPACITY														
Nitrogen														
SCF	5,658	5,658	5,024	5,024	4,734	4,734	10,332	10,332	10,332	23,370	23,370	23,370	35,550	35,550
Nm3	149	149	142	142	134	134	272	272	272	615	615	615	935	935
THERMAL PERFORMANCE (NER%/Day)														
N	1.2%	1.2%	1.8%	1.8%	1.8%	1.8%	1.8%	1.8%	1.8%	1%	1%	1%	1%	1%
O2 - Ar	0.74%	0.74%	1.12%	1.12%	1.12%	1.12%	1.12%	1.12%	1.12%	0.62%	0.62%	0.62%	0.62%	0.62%
GAS DELIVERY RATE														
SCF/H	400	400	400	400	400	400	575	575	575	960	960	960	1,350	1,350
Nm3h	10.5	10.5	10.5	10.5	10.5	10.5	15.1	15.1	15.1	25.2	25.2	25.2	35.4	35.4
DIMENSIONS														
Diameter														
in	26	26	26	26	26	26	30	30	30	42	42	42	48	48
mm	660	660	660	660	660	660	762	762	762	1,067	1,067	1,067	1,219	1,219
Tare Weight														
lbs	340	340	300	300	340	340	605	688	812	1,750	1,750	2,080	2,692	3,200
Kg	154	154	136	136	154	154	274	312	368	794	794	945	1,221	1,451
Height														
in	61	56	54.8	52.9	54.8	52.9	68	68	68	81	81	81	91	91
mm	1,549	1,422	1,392	1,344	1,392	1,344	1,727	1,727	1,727	2,058	2,058	2,058	2,311	2,311