



## Industrial Gases Trailer Designs

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### NITROGEN TRAILER INFORMATION

at 70 Degrees Fahrenheit Ambient

Tube Dimension o.d. x length	Service Pressure (psi/bar)	Tube Weight (lbs) ea.	Tube Volume (ft <sup>3</sup> )	Number Of Tubes In Trailer	Gas Volume Per Tube (SCF)	Total Volume Per Trailer (SCF)	Total Weight of trailer (lbs)
22" x 40'-0"	2160/149	4100	94.1	10	13640	136,400	60,870
22" x 37'-6"	2160/149	3850	88.1	11	12770	140,470	62,510
22" x 40'-0"	2668/184	4550	93.2	8	16330	130,640	55,850
22" x 38'-0"	2668/184	4230	88.4	9	15490	139,410	58,150
22" x 40'-0"	3167/218	5350	91.6	7	18580	130,060	56,870
22" x 38'-0"	3167/218	5100	86.9	8	17630	141,040	61,010

### HELIUM TRAILER INFORMATION

at 70 Degrees Fahrenheit Ambient

Tube Dimension o.d. x length	Service Pressure (psi/bar)	Tube Weight (lbs) ea.	Tube Volume (ft <sup>3</sup> )	Number Of Tubes In Trailer	Gas Volume Per Tube (SCF)	Total Volume Per Trailer (SCF)	Total Weight of trailer (lbs)
22" x 40'-0"	2160/149	4100	94.1	12	12970	155,640	60,800
22" x 40'-0"	2668/184	4550	93.2	11	15600	171,600	61,820
22" x 38'-0"	2668/184	4230	88.4	12	14790	177,480	62,590
22" x 40'-0"	3167/218	5350	91.6	9	17980	161,820	59,810
22" x 38'-0"	3167/218	5100	86.9	10	17060	170,600	62,750

### HYDROGEN TRAILER INFORMATION

at 70 Degrees Fahrenheit Ambient

Tube Dimension o.d. x length	Service Pressure (psi/bar)	Tube Weight (lbs) ea.	Tube Volume (ft <sup>3</sup> )	Number Of Tubes In Trailer	Gas Volume Per Tube (SCF)	Total Volume Per Trailer (SCF)	Total Weight of trailer (lbs)
22" x 40'-0"	2538/175	5350	91.6	9	14350	129,150	58,830
22" x 38'-6"	2538/175	5165	88.1	10	13800	138,000	62,380
22" x 37'-6"	2750/190	5440	84.9	9	14280	128,520	59,630
22" x 40'-0"	2750/190	5800	90.8	9	15270	137,430	62,920
22" x 36'-0"	3300/228	6225	79.5	8	15690	125,520	60,460
22" x 38'-0"	3300/228	6575	84.1	8	16600	132,800	63,300

Charts depict common configurations. Custom packages for specific service pressures and payloads are available.