

# PRODUCT PROFILE

## Anhydrous Ammonia General Tank/Storage Information



**Anhydrous Ammonia (NH<sub>3</sub>) is a clear, liquefied gas.**

@ 60°F

NH<sub>3</sub> = 22.4 cubic feet (vapor)/pound

NH<sub>3</sub> = 92.9 psig

NH<sub>3</sub> = 5.1416 pounds per gallon

### Capacities, approximate tare weights and dimensions of commonly available ammonia cylinders

DOT CYLINDER MARKING	AMMONIA CAPACITY pounds (kg)	Average Tare Weight pounds (kg)		OVERALL LENGTH inches (mm)	OUTSIDE DIAMETER inches (mm)	WALL THICKNESS inches (mm)	MINIMUM VOLUME in <sup>3</sup> (L)
		less cap	with cap				
3AA1800	2 (0.91)	5 (2.27)	NA	16 (406)	3.45 (88)	0.070 (1.78)	108 (1.77)
3A480	50 (22.7)	74 (33.6)	77 (34.9)	45 (1143)	10.50 (267)	0.150 (3.81)	2592 (42.48)
3A480	100 (45.4)	134 (60.8)	137 (62.1)	59 (1499)	12.50 (318)	0.176 (4.47)	5158 (84.52)
3A480	150 (68.0)	195 (88.5)	198 (89.8)	60 (1524)	15.00 (381)	0.212 (5.38)	7710 (126.34)
3A480X	100 (45.4)	88 (39.9)	91 (41.3)	57 (1448)	12.25 (311)	0.120 (3.05)	5158 (84.52)
3A480X	150 (68.0)	135 (61.2)	138 (62.6)	58 (1473)	14.75 (375)	0.125 (3.18)	7710 (126.34)
4AA480	25 (11.3)	43 (19.5)	46 (20.9)	20 (508)	12.25 (311)	0.153 (3.89)	1344 (22.02)
4AA480	100 (45.4)	117 (51.7)	117 (53.1)	56 (1422)	12.25 (311)	0.153 (3.89)	5158 (84.52)
4AA480	150 (68.0)	158 (71.7)	161 (73.0)	58 (1473)	14.75 (375)	0.185 (4.70)	7710 (126.34)

Reference CGA G-2

Rev. 5/2021

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