

# 6000 psi Gas Storage Cylinder 650 cu ft UN/ISO/DOT

**SKU:** NUVT6000-W

**Price:** ?0.00



## Description

## Specifications

<b>Working Pressure</b>	?6005 psi · ?414 bar
<b>Test Pressure</b>	9007 psi · 621 bar
<b>Burst Pressure</b>	?14,417 psi · ?994 bar
<b>Working Air Capacity</b>	650 cu ft · 18,372 L
<b>Water Capacity</b>	45 L
<b>Length (without cap)</b>	56.5" (±0.39") · 1435 mm (±10 mm)
<b>Diameter</b>	8.99" · 228.4 mm
<b>Weight (empty)</b>	182.5 lb · 82.8 kg
<b>Temperature Range</b>	-58°F to +149°F · -50°C to +65°C
<b>Service Lifetime</b>	Non-Limited-Life
<b>Available Tank Valves<sup>1</sup></b>	Tank Only · <b>SKU NUVT6000-W</b> CGA677 Valve · <b>SKU NUVT6000-W-677</b> CGA702 Valves: <b>SKU NUVT600-W-702</b> <a href="#">Email Us with Cylinder/Valve/Gas Questions</a>
<b>DOT Approval</b>	CA2006050031
<b>International Compliance</b>	ISO9809-2:2010
<b>Allowable Use<sup>2</sup></b>	Non-embrittling gas service only
<b>Color</b>	Gray

<sup>1</sup>For a full list of acceptable storage tank gases, see below. For additional information on gas/valve/cylinder compatibility, please [email the Nuvair sales team](#).

## **<sup>2</sup>Acceptable Storage Cylinder Gases**

Source: ISO 1114-1:1997(E)

### **Group 1**

*Gases compatible with all materials (Code 11111)*

Argon

Bromochlorodifluoromethane

Bromotrifluoromethane

Bromotrifluoromethylene

Butadiene-1,3

Butadiene-1,2

Butane

Butene-1

Butene-2 (cis)

Butene-2 (trans)

Carbon dioxide

Carbon monoxide

Carbon tetrafluoride

Carbonyl sulphide

Chlorodifluoromethane

Chloropentafluoroethane

Chlorotetrafluoroethane

Chlorotrifluoroethane

Chlorotrifluoroethylene

Chlorotrifluoromethane

Cyclopropane

Dibromodifluoromethane

Dibromotetrafluoroethane

Dichlorodifluoromethane

Dichlorofluoromethane

Dichlorotetrafluoroethane

1, 1 Difluoro-1-chloroethane

1, 1 Difluoroethane

Dimethyl ether

Ethane

Ethylene

Ethylene oxide

Fluoroethane

Fluoromethane

Trifluoromethane

Helium

Hexafluoroethane

Hexafluoropropene

Isobutane

Isobutylene

Krypton  
Methane  
Neon  
Nitrogen  
Nitrous oxide  
Nitrogen trifluoride  
Octafluoro-2-butene  
Octafluorocyclobutane  
Octafluoropropane  
Oxygen  
Propane  
Propadiene  
Propylene  
Propylene oxide  
Sulphur dioxide  
Sulphur hexafluoride  
Tetrafluoroethylene  
Trichlorotrifluoroethane  
1, 1, 1 Trifluoroethane  
Xenon

**Group 4**

*Gases compatible with all materials but requiring high grade stainless steels (Code 11211)*

Dichlorosilane  
Hydrogen cyanide  
Silicon tetrachloride  
Silicon tetrafluoride  
Sulphur tetrafluoride  
Trichlorosilane

**Group 5**

*Gases compatible with all materials except brass (Code 11110)*

Ammonia  
Cyanogen  
Dimethylamine  
Ethylamine  
Methylamine  
Trimethylamine

**Group 6**

*Gases compatible with all materials except brass and requiring high grade stainless steels (Code 11210)*

Nitric oxide  
Nitrogen dioxide

**Group 7**

*Gases compatible with all materials except aluminium (Code 11101)*

Chloromethane  
Ethyl chloride

**Group 8**

*Gases compatible with all materials except aluminium and requiring high grade stainless steels (Code 11201)*

Chlorine

Fluorine

Phosgene

Tungsten hexafluoride

**Group 9**

*Gases compatible with all materials except aluminium and requiring high grade stainless steels and high grade bronze or nickel alloys (Code 11202)*

Boron trichloride

Boron trifluoride

Methyl bromide

**Group 10**

*Gases compatible with all materials except aluminium and requiring high grade stainless steels and brass containing less than 70% Cu (Code 11203)*

Vinyl bromide

Vinyl chloride

Vinyl fluoride

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