

**Category:** Recommended at next accumulator recharge.

**Benefits to Customers:**

- Improved knowledge of safety standards when recharging the accumulator with nitrogen.
- Lessens the risk of potential failure within the accumulators located across the Bodymaker.

**Summary:**

After performing an external audit of the required purity of nitrogen used within the accumulator units, CarnaudMetalBox Engineering Ltd recommends that **ONLY** nitrogen of a purity above 99.995% to be used (see data sheet below).



**WARNING! Never use oxygen or air – this could cause an explosion. ONLY use oxygen free dry nitrogen gas (99.995%)**



THE LINDE GROUP  
**Linde**

## Nitrogen (oxygen free)



**BOC**  
A Member of The Linde Group

**Specification** → 99.998% minimum nitrogen (specification includes argon)  
→ Conforms to BS 4366

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**Part numbers** → 44-X (where 'X' indicates the relevant cylinder size)  
→ \*\*642-X

Cylinder size	Cylinder contents volume (m <sup>3</sup> )	Maximum filled pressure 15°C (bar)	Approx. dimensions incl. valve and guard where supplied (mm)	Approx. gross cylinder weight (kg)
X	2.10	230	140 x 940	19
Y	3.84	230	203 x 930	40
G20	5.22	300	660 x 320	30
E33	8.61	300	1300 x 230	60
W	9.78	230	1460 x 230	85
E50	13.05	300	1760 x 230	83
Z	12.79	300	1640 x 230	77
Manifolded cylinder pallets (MCP's)	Cylinder contents volume (m <sup>3</sup> )	Maximum filled pressure 15°C (bar)	Approx. dimensions incl. valve and guard where supplied (mm)	Approx. gross cylinder weight (kg)
WW (15 x W)	146.70	230	1290 x 1810 x 840	1500
WZ (15 x Z)	195.75	300	1290 x 1810 x 840	1500
QW* (12 x W)	117.36	230	2000 x 1035 x 850	1500
ZW* (20 x W)	195.60	230	2080 x 1330 x 1090	2300
YW* (16 x W)	156.48	230	2080 x 1120 x 1120	1950

**Outlet connection** → 5/8" BSP female right hand cone recessed at 230 bar  
→ ISO 5145-30 at 300 bar

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**Key contact numbers** For further product and safety information (including Safety Data Sheets)  
Visit: [www.BOCOnline.co.uk](http://www.BOCOnline.co.uk) or [www.BOCOnline.ie](http://www.BOCOnline.ie)  
Telephone: UK – 0800 111 333, Republic of Ireland – 1890 355 255 (24hr service)

For further information regarding this Technical Bulletin, please contact either of the contacts below quoting Technical Bulletin number **TB5000-092** and your machine Serial Number. A complete library of Technical Bulletins is available on the company web site.

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