

MAXIGAS ^N₂

NITROGEN GENERATORS

Nitrogen buffer vessels are required for operation of the **NITROX** nitrogen generators. For those generators not including an integral vessel, a vertical receiver will be offered. The size of the buffer vessel is dependent on the nitrogen flow rate as per the table below. One buffer vessel is required per generator bank.

Design Codes

BS169:1992 or BSN286:pt1:1991 (where applicable)

Certification

Supplied for all vessels and safety valves as required by code and in accordance with present pressure system regulations.

Max Working Pressure

This is the maximum allowable safety valve pressure setting, however, safety valves supplied as standard are set at either 8barg (116psig) or 11barg (160psig). All buffer vessels are suitable for working at the 9.5barg (138psig) maximum air inlet pressure of the nitrogen generators.

Standard Finish

External - Gloss White Internal - Self Coloured

Notes

Allow 250mm ground clearance to allow for automatic draining equipment

Safety

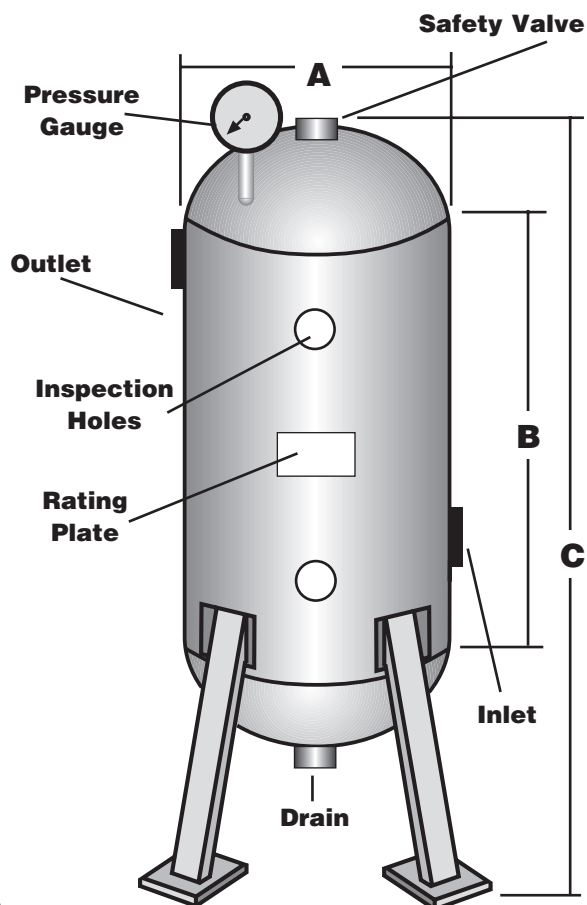
It is the users' responsibility to ensure that the equipment purchased is installed in accordance with current legislation, in particular Pressure System Regulations.

Standard Features

- Pressure Gauge
- Pressure Relief Valve
- Drain Valve
- Lifting Lugs

Model No	Nitrogen Flow Rate Nm ³ /hr	Vessel Volume Litres	Dimensions						Inlet & Outlet Connections
			A		B		C		
			mm	in	mm	in	mm	in	
BVMAX0020	0-10	127							
BVMAX0020	11-20	220	475	19	1,200	47	1,757	69	1in BSP
BVMAX2040	21-40	490	610	24	1,500	59	2,130	84	2in BSP
BVMAX4060	41-60	790	762	30	1,500	59	2,210	87	2in BSP

Buffer Vessels



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