



SUPAGAS

YES WE CAN!

Offshore Rack Technical Guide

Special Features

- Frames are fully galvanised
- Cylinders finished in marine grade paint
- Four-point lift arrangement
- Each pack has a certified lifting set
- Pack base has forklift access
- Individual isolation on all cylinders

Design Codes and Standards

- DNV 2.7-1 Offshore Containers
- AS EN12079.1-2010
- IMO/MSC Circular 860
- International Maritime Dangerous Goods Code (IMDG)
- European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)
- EN 13769 Transportable Gas Cylinders - Cylinder Bundles
- ISO 10961 Gas Cylinders - Cylinder bundles - Design, manufacture, testing and inspection



Specifications

Manifolded 9 Cylinder Rack

Description	Outlet Type	No. Outlets	Contents Pressure (Bar)	Outlet Pressure (Bar)	Volume in m ³
Dissolved Acetylene	20	2	N/A	N/A	78.3
External Dimensions (LxWxH)mm: 1,065 x 1,065 x 2,155					
Max. Gross Mass (Rating): 2,250kg	Tare Mass: 580kg		Payload: 1,670kg		

Manifolded 16 Cylinder Rack

Description	Outlet Type	No. Outlets	Contents Pressure (Bar)	Outlet Pressure (Bar)	Volume in m ³
Air (Diving Grade and Compressed)	60	1	200	200	151
	Pin Index	1			
Argon (Industrial, High Purity, Ultra High Purity)	10	1	300	130	244
	51	1		300	
Helium (Industrial, High Purity, Ultra High Purity)	10	1	300	130	204
	51	1		300	
Heliox Diving Mixture (2% - 60% Oxygen Balance Helium)	10	2	200	200	145
	11	2	300	300	204
1% Helium Balance Nitrogen	50	1	300	130	204
	51	1		300	
Industrial Carbon Dioxide	30	2	N/A	N/A	496kg
Nitrox Diving Mixture (22% - 60% Oxygen Balance Helium)	10	2	200	200	154
	11	2	300	300	208
Nitrogen (Industrial, High Purity, Ultra High Purity)	50	1	300	130	205
	51	1		300	
Oxygen (Industrial and Diving Grade)	10	2	200	200	165
External Dimensions (LxWxH)mm: 1,065 x 1,650 x 2,155					
Max. Gross Mass (Rating): 2,250kg		Tare Mass: 580kg		Payload: 1,670kg	



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Manifolded 64 Cylinder Rack

Description	Outlet Type	No. Outlets	Contents Pressure (Bar)	Outlet Pressure (Bar)	Volume in m ³
Air (Diving Grade and Compressed)	60	4	200	200	582
Helium (Industrial, High Purity, Ultra High Purity)	10	2	300	130	832
	51	2		300	
Heliox Diving Mixture (2% - 60% Oxygen Balance Helium)	10	4	200	200	582
	11	4	300	300	826
1% Helium Balance Nitrogen	50	2	300	130	818
	51	2		300	
Nitrox Diving Mixture (22% - 60% Oxygen Balance Helium)	10	4	200	200	582
	11	4	300	300	826
Nitrogen (Industrial, High Purity, Ultra High Purity)	50	2	300	130	818
	51	2		300	
Oxygen (Industrial and Diving Grade)	10	4	200	200	659
External Dimensions (LxWxH)mm: 2,165 x 1,890 x 2,440					
Max. Gross Mass (Rating): 8,010kg	Tare Mass: 6,340kg		Payload: 1,670kg		



Correct at the time of print. For the most up to date guide please visit supagas.com.au.