

CGI SYSTEM FOR 1 ACETYLENE CYLINDER WITH RACK



DESCRIPTION

All component are carefully selected and according to rules and regulations for the specific condition found on board. This system makes it easy for the user to connect the steel hose outlet nipple to the gas apparatus due to the outlet coil.

The Central Gas Installation System consists of a high pressure hose with safety wire, closing ball valve, CGI regulator with pressure relieve valve, backfire valve, stainless steel outlet coil and outlet connection nipple for welding onto low pressure pipe line.

APPLICATIONS

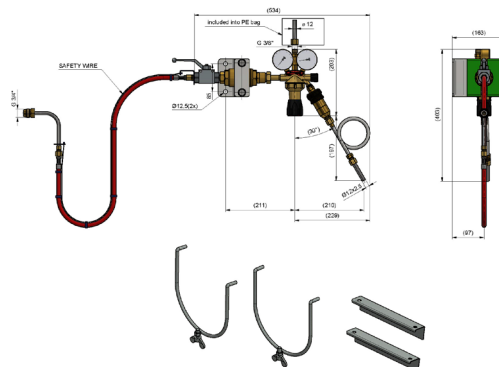
Pressurize cylinder are heavy and dangerous to move around. By having our Drew Marine Central Gas Installation System, movement of pressurize cylinder are minimize and cylinders can be kept safely in 1 designated location on the upper most continuous deck. Gas is piped to outlet station at location where the gas are needed.

SYSTEM HIGHLIGHTS

- 1 cylinder
- Established marine standards
- High pressure ball shut-off valve acc. to ISO 15615
- High pressure hoses with safety wire comply to ISO 14113
- Automatic quick action shut-off valve comply to ISO 14113
- Backfire valve comply to ISO 730-1
- Cylinder Rack Assembly for 2 cylinder.

PARAMETERS FOR CGI SYSTEM FOR 1 ACETYLENE CYLINDER

Nominal flow:	5 m ³ /h
Max. flow:	8 m ³ /h
Inlet pressure:	max. 25 bar
Outlet pressure:	1,5 bar



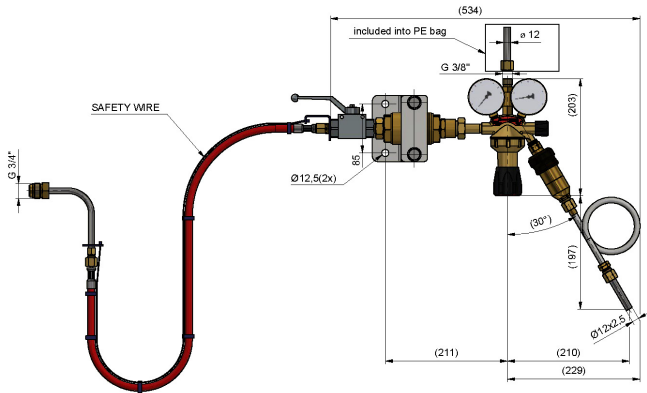
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TECHNICAL DATA

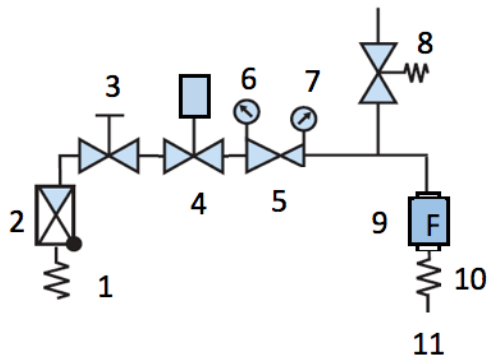
Gas Purity	up to 4.6
Pressure Regulator Housing	Brass 2.0402 CuZn40Pb ₂
Seat Sealing	Chloropren rubber
Regulator Diaphragm	EPDM
Safety Relief Valve	opening pressure 2 - 2,5 bar
High Pressure Ball Valve	Zinc plated steel body 1.0737
Ball Valve Sealing	PTFE
Working Temperature	-20 to 60 °C / -4 to 140°F
Pressure Gauges	Safety version [bar/psi] ISO 5171/EN 562
High Pressure Hose with Safety Wire	PTFE, Working pressure 25 bar, test pr. 600 bar
Cylinder Clamp	Zinc plated steel
Cylinder Bracket	Stainless steel
Outlet Coil	Welding nipple 12 x 2,5 mm
Automatic quick action shut-off valve	Max inlet pressure 25 bar
Backfire Valve, Acetylene	Safety features : Gas non return valve Pressure sensitive cut off valve Flame arrestor Temperature sensitive cut off valve



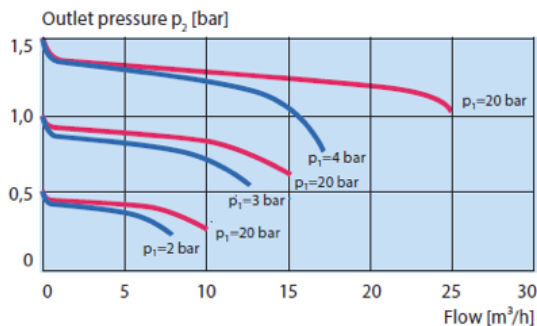
Contact your Drew Marine representative for more information



FLOW SCHEME



PERFORMANCE



ORDERING INFORMATION

Part No.	Component	PCN
	CGI System for 1 Acetylene with rack	2202018
1	High Pressure Hose with Safety Wire	0787012
2	Non return valve	—
3	CGI Closing Valve	—
4	Automatic quick action shut-off valve	0744038
5	CGI Regulator	0518011
6	Content Gauge	0550013
7	Working Gauge	0551011
8	Pressure Relief valve	—
9	Backfire valve	0548026
10	Outlet Coil Stainless Steel	0732025
11	Outlet Coil Connection	9060013
	Plycard CGI Acetylene	9076010
	Plycard Gas Welding Safety	9076051
	CGI Pipe Clamp	9006017
	CGI Pipe penetration bushing	9008013
	Cylinder Rack Assembly for 1 Cyl	9041013
	Cylinder Rack Assembly for 2 Cyl	9042011
	Cylinder Rack Assembly for 3 Cyl	9043019



Contact your Drew Marine representative for more information

Drew Marine maintains Safety Data Sheets on all of its products. These documents contain health and safety information for the development of appropriate product handling procedures to protect your employees. Safety Data Sheets should be read and understood by all of your supervisory personnel and employees before using Drew Marine products.



Drew Marine®

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