

Xuzhou Huayan Gas Equipment Co., LTD.



G130V-75/8-250 DIAPHRAGM COMPRESSOR

Technical Proposal and Quotation

From: Xuzhou Huayan Gas Equipment Co., Ltd.

Tel: +86 19351565121 (WhatsApp/WeChat)

Contact: Jenny

Mail: Jenny@huayanmail.com

Web: www.equipmentcn.com

To: Parsan Gas Esfahan

Tel: +98 313 2747 603 – 8

Contact: Padram

Mail: trade@parsangas.com

2023.2.1

2. Diaphragm Compressor Selection Table

No	Name	Data content		Note
1	Compressor main parameters			
2	Model	G130V-75/8-250		
3	Type	V Type, double cylinder, 2 nd -stage compression, water cooling		
4	Driving mode	Belt		
5	Medium	Hydrogen		
6	Inlet pressure	0.8	MPa	8 Barg
7	Outlet pressure	25	MPa	250 Barg
8	Inlet temperature	<40	°C	
9	Outlet temperature (after cooling)	<45	°C	
10	Flow	75	Nm ³ /h	
11	Lubrication oil type	L-HM64		
12	Speed of crankshaft	420	r/min	
13	Lubricating system	Splash Lubrication		
14	Cooling water inlet water temperature	32	°C	
15	Cooling water inlet pressure	0.3-0.5	MPa	
16	Cooling water consumption	1800	L/h	
17	Weight	≈3000	kg	
18	Dimension	≈2200×1400×1500	mm	
19	Motor main parameters			
20	Model	YB3-200L-4		
21	Type	Three-phase, asynchronous, highly efficient, explosion-proof motor		
22	Power	30	kw	
23	Speed	1440	r/min	
24	Voltage	380	V	

25	Frequency	50	Hz	
26	Explosive-proof stage	Ex DIICT4		
27	Main component material			
28	Cylinder cover	3Cr13		
29	Diaphragm	00Cr15Ni5		
30	Air pipe, flange	304		
31	Cooler, water pipe	304		
32	Oil pipe	304		
33	Electrical control configuration			
34	1st-stage and 2nd-stage diaphragm rupture alarm	√		Stop after alarm
35	Outlet pressure high alarm	√		Stop after alarm
36	Cooling water pressure low alarm	√		Stop after alarm
37	Control cabinet	Non-explosive-proof control cabinet		wall-mounted

2. Picture display



(only for your ref)

4. Certificate

Certificate of Compliance



No. 0H210118.XHG0D23

Test Report / Technical Construction File no. XMT0202110020LY/MD

Certificate's
Holder:

XUZHOU HUAYAN GAS EQUIPMENT
CO., LTD.

Room 1208, Shengxin Business Center, Pizhou City,
Jiangsu Province

Certification ECM
Mark:



Product:
Model(s):

Diaphragm compressor
GL-20/1-200 Type (GL series),
GZ series, GV series, GL series,
GD series Diaphragm compressor,
VW series, DW series, ZW series,
MW series Piston compressor

Verification to:

Standard:
EN ISO 12100:2010, EN 60204-1:2018,
EN 1012-1:2010

related to CE Directive(s):
2006/42/EC (Machinery)

Remark: This document has been issued on a voluntary basis and upon request of the manufacturer. It is our opinion that the technical documentation received from the manufacturer is satisfactory for the requirements of the ECM Certification Mark. The conformity mark above can be affixed on the products accordingly to the ECM regulation about its release and its use.

Additional information and clarification about the Marking:



The manufacturer is responsible for the CE Marking process, and if necessary, must refer to a Notified Body. This document has been issued on the basis of the regulation on ECM Voluntary Mark for the certification of products. RG01_ECM rev.3 available at: www.entecerma.it

Issuance date: 18 January 2021

Expiry date: 17 January 2026

Reviewer
Technical expert
Amanda Payne

Approver
ECM Service Director
Luca Bedonni

Ente Certificazione Macchine Srl

Via Carubella, 243 - Loc. Castello di Serravalle - 40053 Valsamoggia (BO) - ITALY

+39 051 6705141 +39 051 6705156 info@entecerma.it www.entecerma.it

CERTIFICATE ◆ 认证证书 ◆ CERTIFICATE ◆ 认证证书 ◆ CERTIFICATE

POSI CERTIFICATE

This is to certify that the Quality Management System of
Xuzhou Huayan Gas Equipment Co., Ltd.

Business License Number: 91320382MA1X2DGE16
Registered Address: Room 1208, Shengxin Business Center, Donghu Street,
Pizhou City, Xuzhou City, Jiangsu Province, China
Audit Address: Room 1208, Shengxin Business Center, Donghu Street,
Pizhou City, Xuzhou City, Jiangsu Province, China

applicable to

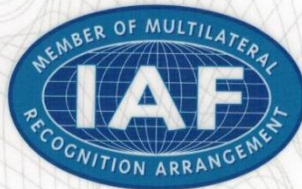
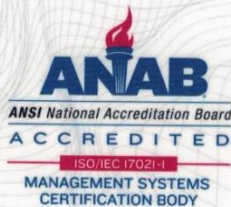
Sales of industrial oxygen generators, medical oxygen
generators and gas compressors (export only)


has been assessed and registered by POSI against the provisions of
GB/T19001-2016 idt ISO9001:2015

This registration is subject to the company maintaining a Quality Management System,
to the above standard, which will be monitored by POSI.

Please consult the website: www.posicert.com

The certificate information is also available on the CNCA official website: <http://cx.cnca.cn>.




General Manager

Certificate Registration No: 38120Q0166R0S

Initial issue date: 2020.09.18

Issue date: 2021.11.03

Valid until: 2023.09.17



Shanghai POSI Certification Co., Ltd.

Room1301-C-7, No.1500, Century Avenue, Pudong New Area, Shanghai ,China.Email:info@posicert.com

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applicable to

Sales of industrial oxygen generators, medical oxygen
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ISO13485:2016

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General Manager

Certificate Registration No: 381200106R0S
Initial issue date: 2020.09.18 Issue date: 2021.11.03 Valid until: 2023.09.17



Shanghai POSI Certification Co., Ltd.
Room 1301-C-7, No.1500, Century Avenue, Pudong New Area, Shanghai, China. Email: info@posicert.com