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Product Certificate

Gas pressure regulators and low pressure cut-off valves

Based on pre-certification tests as well as periodic inspections by Kiwa Nederland B.V., the products referred to in this certificate and marked with the GASTEC QA mark, supplied by

gAvilar B.V.

may, on delivery, be relied upon to comply with the GASTEC QA Approval Requirements 214, for "Fitness for admixtures up to and including 100% hydrogen gas" dated September 2022.

Ron Scheepers
Kiwa

This certificate is issued by Kiwa Nederland B.V. in conjunction with the KIWA regulations for Certification 2017.

This certificate consists of 3 pages.
Publication of the certificate is allowed.

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Gas pressure regulators and low pressure cut-off valves

PRODUCT SPECIFICATION

Gas pressure regulators for domestic installations with an inlet pressure up to 200 mbar, nominal capacity of 10 Sm³/h.

WMR 10-F	Gas pressure regulator, flange connection
WMR 10-W-3/4"	Inlet Rp 3/4"
	Outlet gas meter coupler 3/4"
WMR 10-K-3/4"	Inlet Rp 3/4"
	Outlet R 3/4"
WMR 10-W-1"	Inlet Rp 3/4"
	Outlet gas meter coupler GM 1"
WMR 10-B-3/4"	Inlet Rp 3/4"
	Outlet Rp 3/4"

Gas pressure regulators with a low pressure cut-off valves for domestic installations with an inlet pressure up to 200 mbar, nominal capacity 10 Sm³/h.

WMRG 10-F	Flange connection
WMRG 10-W-3/4"	Inlet Rp 3/4"
	Outlet gas meter coupler GM 3/4"
WMRG 10-W-1"	Inlet Rp 3/4"
	Outlet gas meter coupler GM 1"
WMRG-10-K--3/4"	Inlet Rp 3/4"
	Outlet R 3/4"
WMRG 10-B-3/4"	Inlet Rp 3/4"
	Outlet Rp 3/4"

Automatic working low pressure cut-off valve, nominal pressure 25 mbar, inlet pressure mbar and a nominal capacity of 6 Sm³/h.

WMG 6-F-ZV	Without detector
	Flange connection
WMGI 6 Long	Connection inlet Rp 3/4" outlet W 3/4"

APPLICATION AND USE

The products are intended to be applied as gas distribution and installation materials for natural gas with an admixture of 20% hydrogen gas and pure hydrogen gas. The maximum operating pressure (MOP) and operating temperature are specified in the approval requirement for the product for GASTEC QA certification.

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Gas pressure regulators and low pressure cut-off valves

MARKING

- GASTEC QA, GASTEC QA logo or punch mark.
- Manufacturers name or trademark: gAvilar
- Function and type indication: pressure regulator for natural gas, natural gas 10 m³/h,
- Function and type indication: low pressure cut-off valve for natural gas, natural gas, 10 m³/h,
- Year and week number of manufacture or the manufacturing number: date + batch number,
- Nominal flow in m³/h:
- Maximum inlet pressure 200 mbar.
- Nominal pressure:
- Colour coding:
 - Low pressure cut-off valve: blue
 - Gas pressure regulator: black
 - Combination regulator: yellow
- Flow in m³/h natural gas
- The words 'Bestand tegen waterstofgas' or 'Hydrogen ready'.

RECOMMENDATIONS FOR END USERS

Check at the time of delivery whether:

- the producer has delivered in accordance with the agreement;
- the mark and the marking method are correct;
- the products show no visible defects as a result of transport.

Consult the producer's processing guidelines for the proper storage and transport methods.

Check whether this certificate is still valid by consulting Kiwa Nederland B.V. or the Kiwa website.

If you should reject a product on the basis of the above, please contact the supplier and, if necessary, Kiwa Nederland B.V.
