

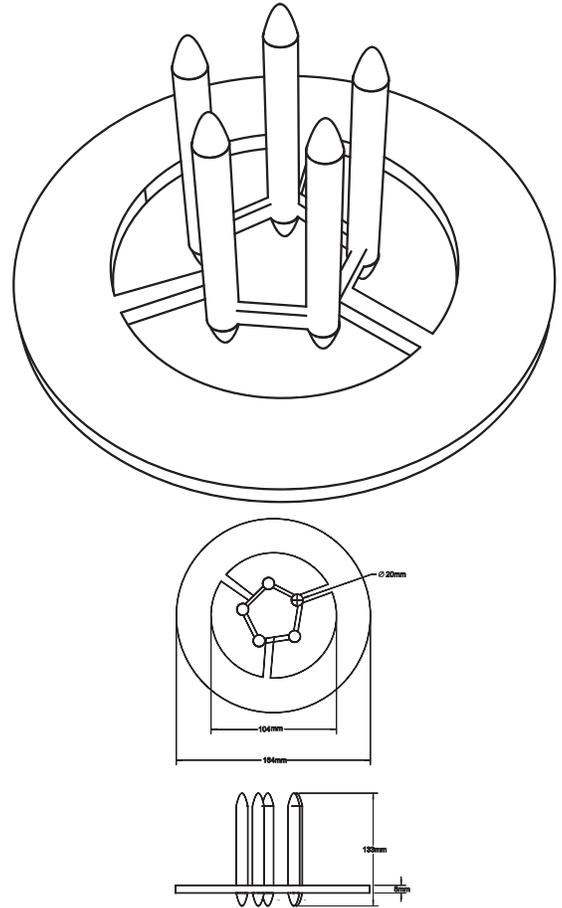


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 Tomorrow's Science Today
 LATINOAMÉRICA

DATA SHEET

Structurer Device OmniEnviro H.D.M.R. HYDROCARBON

Product Name	Hydrocarbon Magnetic Structurer Device
Product Code	OmniEnviro HDMR HC Ref: 4"
Product Use	Molecular water reordering for savings and greater efficiency
Product external composition	Magnetic material containing plate and bullets made of stainless steel ANSI 316L
Product Internal Composition	Different rare earth magnets from 120 to 8900 gauss
Operation Limit Temperature	Not applicable
Country of Origin	Australia
Manufacturer	Quantum BioTek PTY, LTD
Local Representative	Quantum BioTek LATAM
Maintenance	Quarterly cleaning
Power supply	Not required
WARNING	150 PSI Maximum Flow Pressure



Corporate Certifications



DSS 2004
 FS 520331
 DS 52134

USE DESCRIPTION

During fuel combustion process, such as in natural gas and others consumption, incomplete combustion can generate dangerous amounts of greenhouse gases. Other emissions generated there can be dangerous for both living and atmospheric. Some systems have been developed to promote full combustion in the pre-ignition stage but are often vulnerable to heat, vibration, design, construction, installation or other failures.

The HDMR HC OMNIENVIRO® system include a special configuration of permanent magnets (rare earths) for reduce excess carbon emissions from fossil fuel combustion. Once hydrocarbon pass by device improve combustion reducing consumption while harmful emissions and greenhouse gases are also reduced, consumption of it is reduced by increasing combustion at the molecular level. The HDMR HC device uses permanent magnets of the rare earth group to increase useful life of magnetic flow. This device can be used by the oil pipeline industry to reduce dirt caused by wax production, as well as to inhibit organic dirt and pipelines corrosion.

This magnetic device includes a steel-stainless SS304 clamping plate where are fixed several SS316L magnetic bullets using a special configuration of rare earth magnets with opposite poles and permanent intensity, located into the pipeline for the hydrocarbon flow (Gas) full contact.

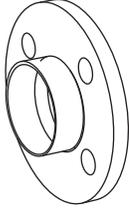
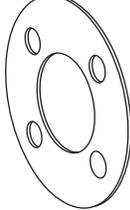
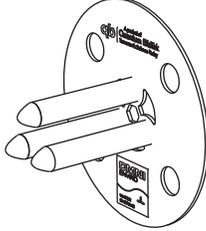
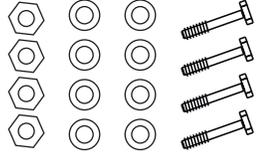
INSTALLATION

To attach the magnetic structurer to the gas line, a special adaptation is required by couples of flanges (according to each pipe diameter). See the scheme below.

MAINTENANCE AND CONSUMPTION

This equipment does not demand connections to any energy source, neither require special maintenance; but it is recommended for maximum performance, periodic cleaning of possible covering, and removing magnetic ferro particles adhered to the bullets.

Installation requirements

Required accessories			
2 Flanges according to diameter and pipe material	2 Neoprene gaskets of same diameter.	OmniEnviro HDMR HC	Screws, nuts and washers
			

Installation diagram

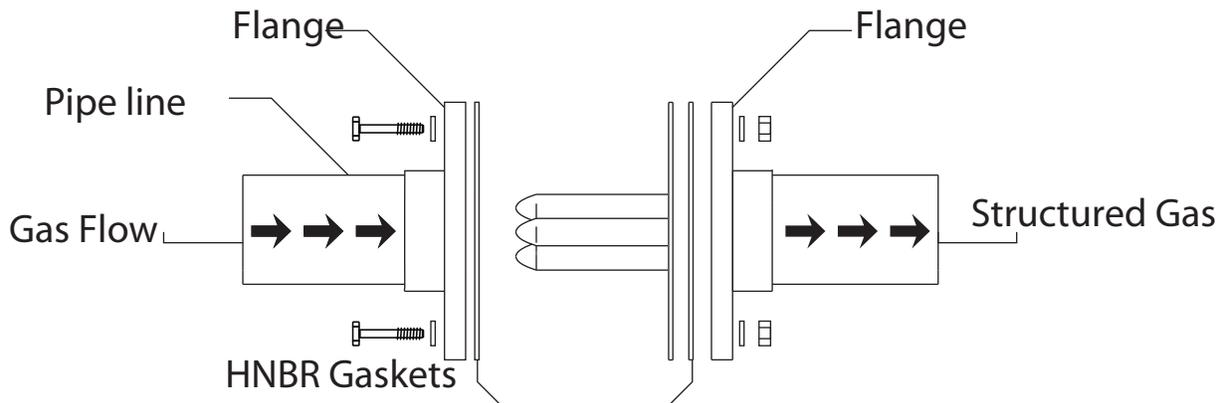
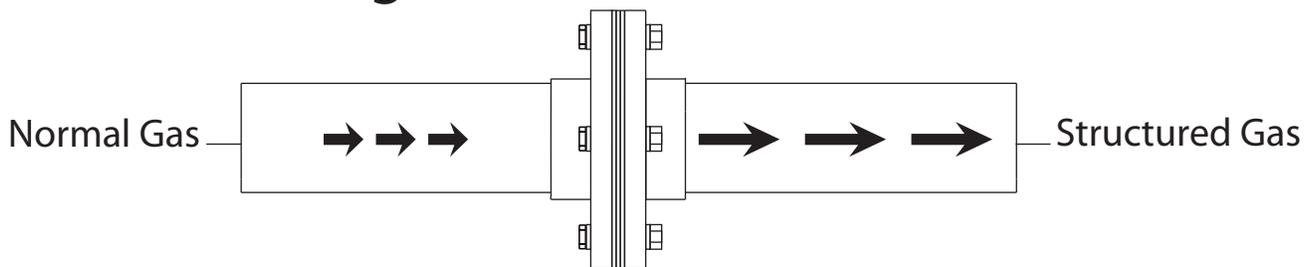


Diagram of installed device



Useful Life: 5 Years 24/7

Contact information:

Global CEO : Mr James Oshana

Phone : +61 411 220 651

E-mail: jim@omnienviro.com

Headquarters email : info@omnienviro.com