

Steam Vaporizer Unit

Description

The Pipeline Refinery Services steam vaporizers are designed in accordance with PED and CE marking and certified according ATEX with the following codes: Ex II 3G T2.

Dimensions:

Length	: 2.4000 mm
Height	: 2.000 mm
Width	: 1.900 mm
Weight	: 1750 kg

Technical Information:

Nominal capacity GN2 *	: 15000 Nm ³ /hr
Design temp. GN2	: -20°C / +260°C
Design pressure Steam	: 0 – 25 barg
Max. Working pressure N2	: 42 bar(g)
Design steam temperature	: 0°C - 260°C
Max. flow rate sat. steam	: 3000 kg/hr @ min. 7 barg

*Note: The nominal capacity for vaporizing LNG: 10.500 Nm³/hr.

Typical applications:

1. Purging
2. Blanketing
3. Once through cool-downs
4. Drying

The unit is perfectly suitable for high volume Nitrogen purging jobs as a stand-alone Nitrogen source together with a LIN storage tank; It does not need fuel and is very reliable.

To operate the PRS Steam vaporizer, steam from the plant or external steam supply can be used together with plant air to operate the controls.

Other applications

Vaporizing LNG, Ethylene and Propylene for commissioning services



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