



# REGOMS PRODUCT DATASHEET

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OFFSHORE N2 PUMP  
90K NITROGEN CONVERTER ZONE 2

## ZONE 2 90K NITROGEN PUMP



**FOR ILLUSTRATION PURPOSE ONLY**

The **Zone 2 90K N2 Pump** is a skid-mounted liquid nitrogen pumping and vaporizing system, designed for offshore and onshore operations in hazardous Zone 2 areas. It is ATEX compliant and packaged in an LR-certified DNV 2.7-1 offshore lifting skid, ensuring durability and compliance with offshore safety standards.

**KEY FEATURES**

- Skid-mounted liquid nitrogen pumping and vaporizing system.
- Designed and constructed for operation both onshore and offshore.
- Forklift pockets for yard handling.
- Hazardous area engine protection package including: exhaust gas manifold cooler, air inlet flame trap, shut-down valve and exhaust spark arrestor.
- Tempering line around nitrogen vaporizer to control the gaseous nitrogen discharge temperature.

**SPECIFICATION**

<b>Weight</b>	8,000 kg (MGM)
<b>Dimensions:</b>	3960mm (L) x 2235mm (W) x 2210mm (H)
<b>Maximum Working Pressure</b>	10,000 psi / 690 bar
<b>Maximum Flow Rate</b>	90,000 scf/hr / 2,350Nm <sup>3</sup> /hr
<b>Hydrostatic Test Pressure</b>	15,000 psi / 1035 bar
<b>Design Maximum Flow Rate Temperature</b>	20oC / 68oF
<b>Maximum Simultaneous Flow &amp; Pressure</b>	90,000 scf/hr / 2,350Nm <sup>3</sup> /hr @ 10,000 psi / 690 bar
<b>Design Ambient Temperature</b>	-29°C to +49°C / -20°F to +120°F
<b>Fuel Capacity</b>	150 Gal (568 Liters)
<b>Lifting Set</b>	Slings and shackles conforming to DNV 2.7-1 & EN 12079 supplied as standard
<b>Approvals</b>	DNV 2.7-1, EN 12079:2006, Zone II Hazardous Area, II 3G IIA T3

To request for a quotation and detailed pricing, please contact our sales team:

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