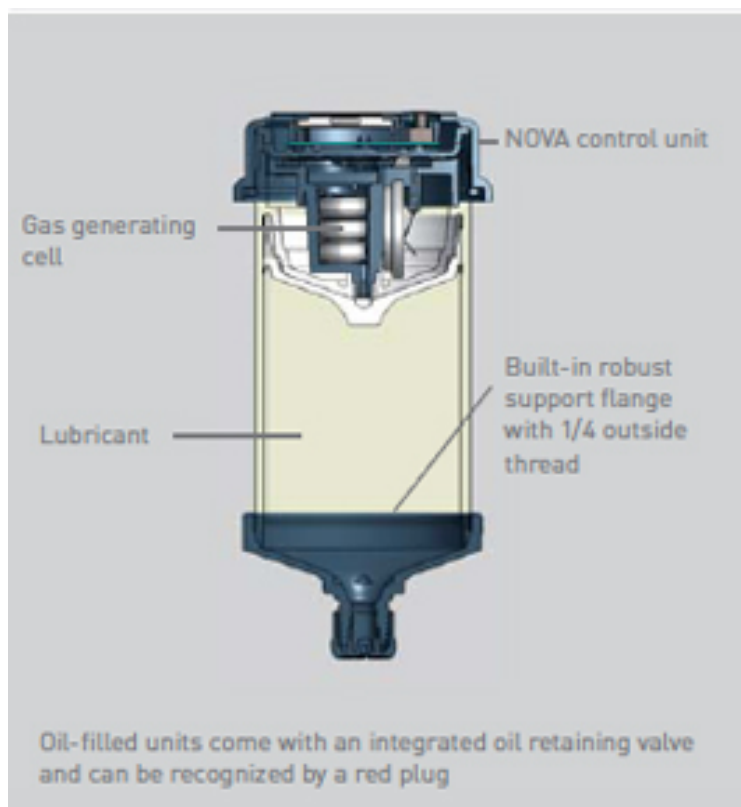


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NOVA - Technical Data

Technical data	NOVA
Housing design	Transparent plastic
Drive (reusable)	Electrochemical reaction via gas generating cell electronic temperature compensation
Discharge period	1, 2, 3, ..., 12 months
Lubricant volume	130cc (4.4 oz)
Ambient temperature	-20° to 60° C / -4° to 140° F
Pressure build-up	Max. 6 bar / 87 psi



How does the NOVA work?

Short-circuiting of the two terminals (anode+ and cathode-) will activate the cell and produce hydrogen gas. The required gas amount for a certain period is determined via the electrical resistor. A microcontroller opens and closes the electric circuit. When the circuit is closed, gas is generated. The microcontroller processes the entered discharge period and the measured temperature.

This data is used to calculate the required gas production.

The gas moves the piston forward and the lubricant is continuously injected into the lubrication point.

