

GEN 3 LIQUID LEVEL CONTROLLER



KIMRAY
INC.®

GEN 3

The Gen 3 Level Controller is for oil and gas producers who want a simple, long-lasting liquid level controller on their oil and gas separation equipment.

Paired with a control valve, the Gen 3 provides efficient, precise liquid level control to keep wells operating at optimal production levels.

Primary applications include oil and water dumps on production separators.

BENEFITS

The Gen 3 is designed to allow easy on-site adjustments. It is field-adjustable between left/right/back mount, snap/throttle, and direct/indirect operating modes with no additional parts needed.

- One unit can be used in Left, Right or Back Mount.
- Multiple port options for Supply, Output, and Vent. Also allows the ability to daisy chain controllers together.
- Compact size fits into tight spaces.
- Easy, Intuitive Level and Span adjustments.
- Non-Bleed Pilot – One pilot for both Snap and Throttle.
- Easily switch between Direct (Fail Closed) and Indirect (Fail Open).
- Paraffin cleanout port - Access to clear out unwanted solids around the shaft and rod without having to remove the unit from the vessel.
- Standard displacer works in single-liquid and interfacing applications.

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A simply designed solution that allows for easy installation and versatile operation.

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SPECIFICATIONS

The Kimray Gen 3 has been certified for use in both North and South America, with additional regions and certifications pending.

ISO-9001 certification

NACE MR0175 compliant option available

Powder-coated enclosure

Displacer PVC standard (4000 psi, 180°F); optional 316 SS (2000 psi, 500°F)

External supply gas filter included

Snap Span range 4" – 10"

Throttle Span range 0 – 4"

Minimum S.G. 0.2 standard, 0.1 with large displacer

Minimum S.G. Differential 0.2 standard, 0.1 with large displacer

Supply Pressure 15-45 psi

Pilot Type Non-Bleed Pilot

Pilot Output 0-45 psi, Proportional & discrete settings

Gas Connection Size/Type 1/4" Female NPT supply, output, & vent connections

Pressure Rating Threaded 2" NPT: 4000 psi
Flanged: 150 thru 1500 class (RF), 900 & 1500 RTJ
3" H.U.: 3000 psi; 4" -5" H.U. 1500 psi

Process Temperature range -15°F to 400°F standard elastomers, options up to 450°F

Enclosure material A356 Aluminum (Casted)

Mounting Piece Material ASTM A-352 LCB / A-351 CF8M

Pilot Body material 6061-T6 anodized aluminum

Standard Elastomers FKM

Optional Elastomers HSN, Aflas

Dimensions 6.5" Width x 8" Height

APPLICATIONS

The Gen 3 Liquid Level Controller is ideal for liquid dump applications on your oil and gas separator. It works in conjunction with any Pneumatic Pressure Control Valve.



WHO WE ARE

Kimray is a world-class manufacturer of oil and gas control equipment based in Oklahoma City, Oklahoma, USA. Trusted for generations, Kimray has been creating simple, effective products for temperature, level, flow, and pressure control since 1948.

Kimray products are known for being reliable, easy to operate, and low maintenance. Common applications include compression, gas dehydration, gas sweetening, separation, heaters, artificial lift, gas regulation skids, measurement stations and more.

Buying from Kimray is about much more than the product. The relationships between our representatives and our customers extend from before the sale through the life of the product. Those relationships, along with quality Kimray products, are the result of a company striving for excellence for our customers, our company, and our community. Visit Kimray.com to learn more about our company and the products we create.



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