

# **WEIGHT-OPERATED DUMP VALVE**



**KIMRAY**  
INC.®

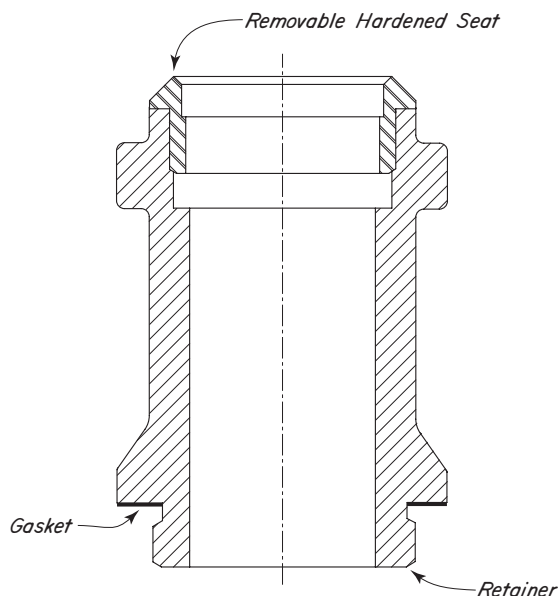
# WEIGHT-OPERATED DUMP VALVE

Ideal for emissions-free level control in heater treaters and salt water disposal systems, this valve actuates based on the hydrostatic pressure generated from the column of liquid in the discharge piping from the vessel.

The height of water column can be field adjusted by moving the weight on the arm in or out. Operates on liquid head height from 2 ft to 4 ft, with options up to 12 ft.

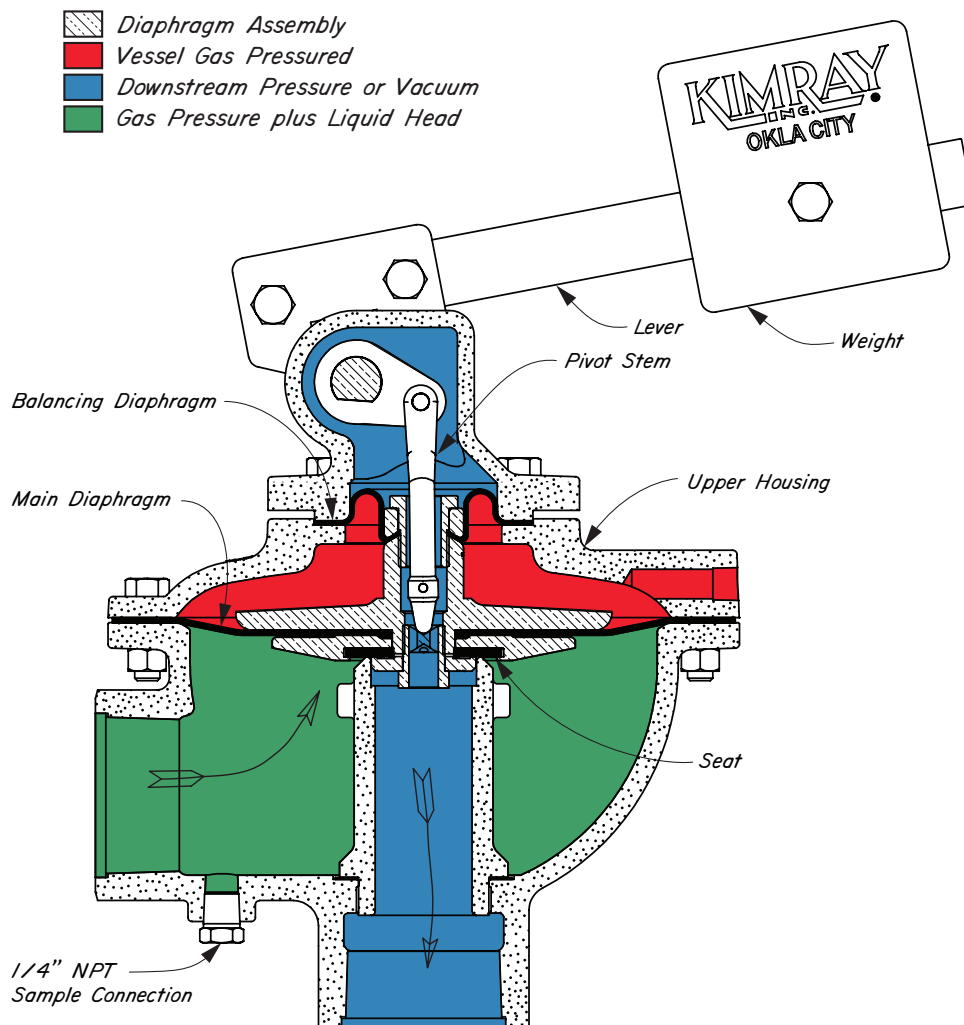
## BENEFITS

- Adjustable stuffing box on rotary shaft for leak elimination
- Single soft seat for tight shut off
- Balanced against upstream pressure
- Balanced against downstream pressure or vacuum
- Standard weight and lever holds approx. 4' liquid head
- Weights may be added to increase liquid head
- Can be manually opened and closed
- Sample tap on inlet connection
- Interior parts can be removed without taking valve out of line
- Optional two-piece seat for erosion protection (see image to the right)



# SPECIFICATIONS

Max WP	Up to 125 psi
Max Pressure Differential	125 psi (2"-4"), 60 psi (6")
Elastomer Options	Buna, HSN, FKM
Min/Max Temp	Buna: -20 to 250F HSN: -20 to 300F FKM: -15 to +400F
Trim Options	Delrin, Optional Hardened Removable Seat
Sizes Available	2", 3", 4", 6"
Cv Values	2" = 36.5 3" = 93.3 4" = 173.5 6" = 371.9





# 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](http://Kimray.com) to learn more about our company and the products we create.



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