

KMnO₄ – FEEDER

Potassium Permanganate Feeder

The Potassium Permanganate Feeder Assembly incorporates a non-pressurized storage tank and innovative grid design along with Clack's dependable 464 float valve. The attractive tank is made of tough blow molded high density polyethylene, and contains an ultraviolet inhibitor (UVI) for increased resistance to sunlight.*

It has a Potassium Permanganate capacity of 13 kg and a liquid capacity of 18 Liter.

The black injection molded cover is securely fastened with three stainless steel safety screws to prevent access by children and pets. (As with all chemicals, the potassium permanganate chemical tank should be placed safely away from children or pets). Chemical warning and drain caution labels are affixed to the unit.

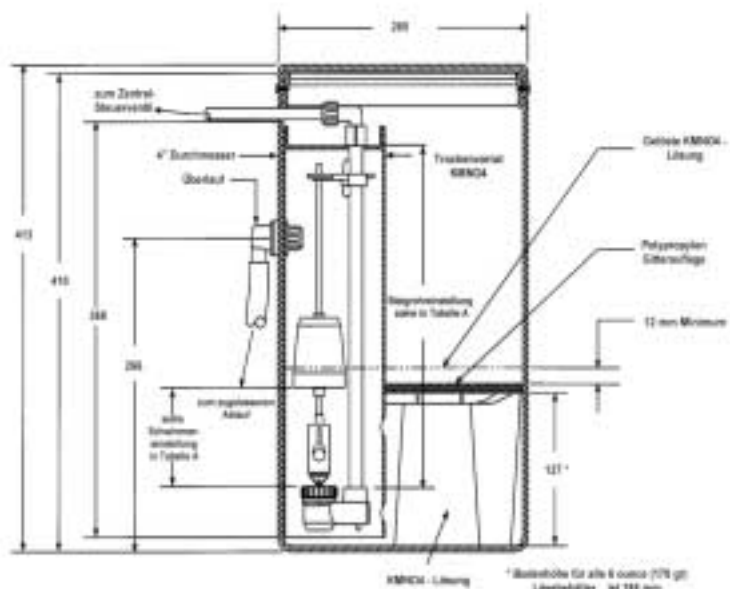
The unique polypropylene felt grid pad retains even the finest grade of undissolved Potassium Permanganate above the grid. This permits efficient use of our assembly with all grades of Potassium Permanganate. 50 gr und 100 gr feeders have a grid platform height of 145 mm. 150 gr feeders have a grid platform height of 190 mm. The unit is shipped fully tested and assembled in individual cartons. Shipping weight is 3,2 kg.



Operation Remarks for Iron and Manganes Removal

A recommended dose of 35 – 50 gr of Potassium Permanganate per 28 ltr. of MTM^R or Manganese Greensand is suggested for regeneration. Correct water temperature is important to properly dissolve Potassium Permanganate. At 10°C (50°F) 110 gr of Potassium Permanganate can dissolve in 4 ltr. of water. At temperatures of 22°C (72°F) 220 gr will dissolve in 4 ltr. of water.

Please see Clack Potassium Permanganate brochure #1696 for Potassium Permanganate order information. For further information please contact our technical department.



Art. No.	Gramm KMnO ₄	Connection	Ltr. of Solution (ltr)	Float height (mm)	Riserpipe Length (mm)
480 505	50 gr	3/8"	3,2	63	280
480 510	100 gr	3/8"	3,8	100	318
480 515	150 gr	3/8"	5,7	143	318