

**For the regeneration of systems
that use Manganese Greensand
or MTM.**

Potassium Permanganate Feeder

Clack's Potassium Permanganate Feeder Assembly incorporates a non-pressurized storage tank and innovative grid design along with our dependable 464 float valve. The attractive 10" x 16" tank is made of tough blow molded high density poly-ethylene, and contains an ultraviolet inhibitor (UVI) for increased resistance to sunlight.* It has a Potassium Permanganate capacity of 30 pounds and a liquid capacity of five gallons. Feeders are available in blue, almond, or black and can be ordered in two, four, or six ounce delivery capacities.

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. Two and four ounce feeders have a grid platform height of $5\frac{3}{4}$ inches. Six ounce feeders have a grid



platform height of $7\frac{5}{8}$ inches. The unit is shipped fully tested and assembled in individual cartons. Shipping weight is seven pounds. Please consult the factory for further information.

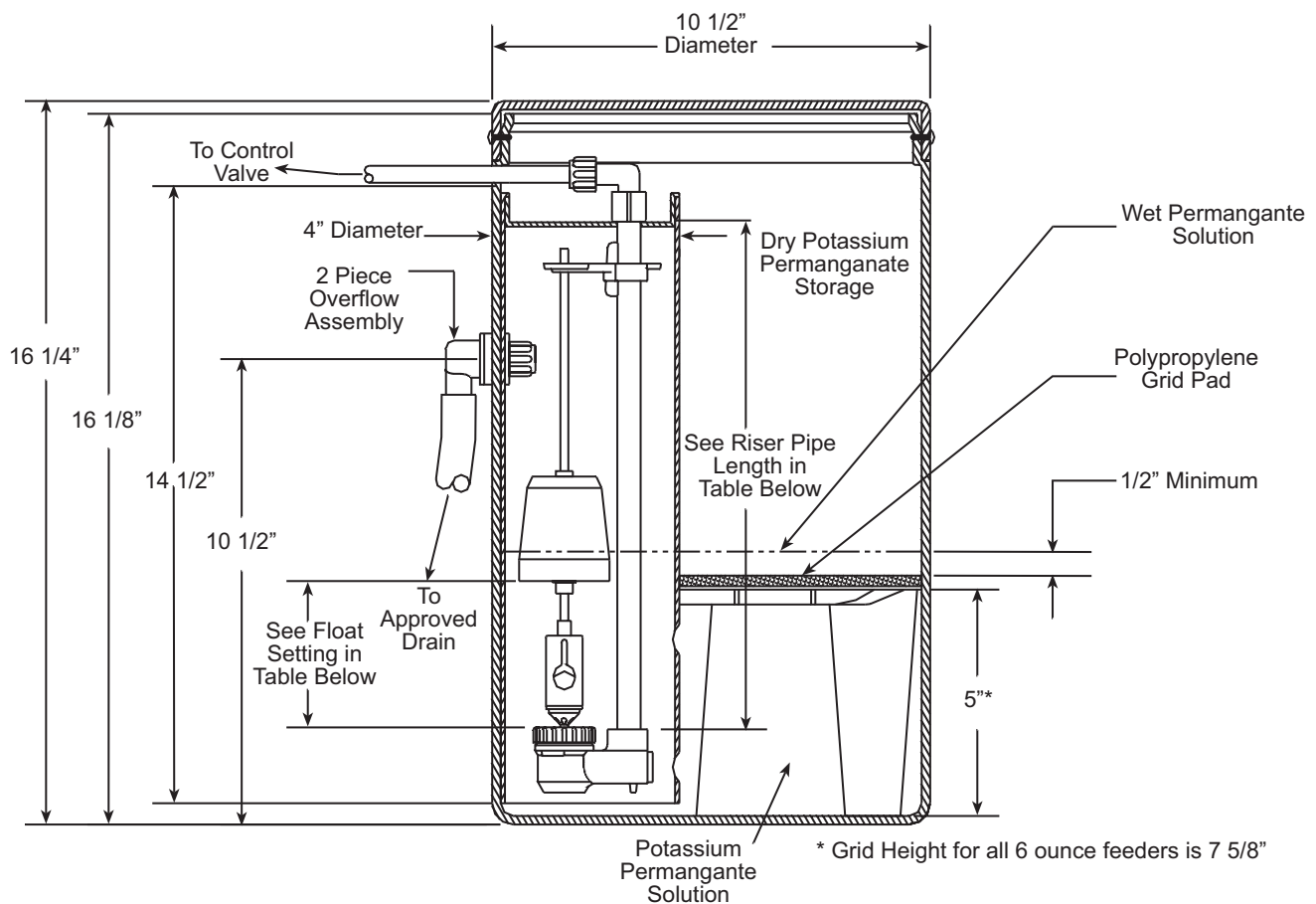
IRON AND MANGANESE REMOVAL:

A recommended dose of $1\frac{1}{2}$ -2 ounces of Potassium Permanganate per cubic foot of MTM® or Manganese Greensand is suggested for regeneration. Correct water

temperature is important to properly dissolve Potassium Permanganate. At 50°F (10°C) four ounces of Potassium Permanganate can dissolve in one gallon of water. At room temperatures (72°F - 22°C) eight ounces will dissolve in one gallon of water.

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

*Please note: Black HDPE tanks do not require UVI. Black colored HDPE is naturally resistant to sunlight.



**POTASSIUM PERMANGANATE FEEDER
DIMENSIONS AND ORDER INFORMATION:**

System Order Number	Oz. of Potassium Permanganate	Polytube Elbow Size	Gallons of Solution	Float Setting	Riser Pipe Length
BLUE POTASSIUM PERMANGANATE FEEDERS					
J7179-04	2	3/8"	3/4	2 1/2"	11"
J7179-03	4	3/8"	1	4"	12 1/2"
J7179-08	6	3/8"	1 1/2	5 5/8"	12 1/2"
ALMOND POTASSIUM PERMANGANATE FEEDERS					
J7180-04	2	3/8"	3/4	2 1/2"	11"
J7180-03	4	3/8"	1	4"	12 1/2"
J7180-11	6	3/8"	1 1/2	5 5/8"	12 1/2"
BLACK POTASSIUM PERMANGANATE FEEDERS					
J7181-04	2	3/8"	3/4	2 1/2"	11"
J7181-03	4	3/8"	1	4"	12 1/2"
J7181-11	6	3/8"	1 1/2	5 5/8"	12 1/2"

Correct water temperature is important in obtaining proper dissolving of Potassium Permanganate. Tables based on Permanganate solubility of 4 oz/gal at 50°F. Float setting based on distance between the top of the valve body nut and the bottom of the float with the valve closed (float up) position. All dimensions to the nearest 1/4 inch.