



DISINFECTING
CLEANING
PURIFYING
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DISPURA OZONE WATER DOSAGE CALCULATIONS

Calculate Ozone Dosage Requirements in Water

Flowrate (lph) x Ozone dosage (ppm) = Ozone production (mg/hour)/1000 = g/hr
Ozone

Example:

10000 (lph) x 2ppm = 20000 mg/h = 20 g/hr

Calculating Ozone Output

Flowrate (lpm) x Ozone concentration (g/m³) = Ozone production (mg/h)

Example:

Ozone concentration exiting Ozone unit: 120g/m³ at 5 lpm of Oxygen flow
5 l/min x 120 g/m³ x (1 m³/1,000 l) = 0.60 g/m x 60 = 36 gph

Iron & Manganese Oxidation

Iron Oxidation – 0.43mg Ozone to 1mg Iron

Manganese Oxidation – 0.88mg Ozone to 1mg Manganese