

Example: K-Factor = 389.616 @ 40 GPM

How to calculate Freq. in Hz:

K-Factor * (y) GAL / min = total pulses per minute

$$389.616 * 40 \text{ Gal / min} = 15,584.64 \text{ Pulses / min}$$

Pulses Per minute / 60 seconds = Freq. In Hz

$$15,584.64 / 60 \text{ seconds} = 259.74 \text{ Hz}$$

How to calculate K-Factor:

Frequency * 60 seconds = Total pulses per minute

$$(x) \text{ Total Pulses} / (y) \text{ Gal / min} = \text{K-Factor}$$

Example: 259.74 Hz * 60 seconds = 15,584.64 pulses

$$15,584.64 / 40 \text{ GPM} = 389.616 \text{ (K-Factor)}$$