

DESIGNER AND MANUFACTURER OF REVERSE OSMOSIS SYSTEMS

## PROCEDURE TO DETERMINE CONCENTRATION OF PERACETIC ACID

The following is the formula to determine the volume of PERACETIC ACID to be injected into the R.O. for sanitising purposes.

## **Note:** Pure PERACETIC ACID concentration is 100%

(Product flow + reject flow) x % desired x conversion factor (3785 cc/gal) = PERACETIC **ACID Volume Rate** 

## EXAMPLE:

Product flow = 6 GPM Reject flow = 6 GPM % Desired = 1 % (0.01)

(6 gpm + 6 gpm) x 0.01 x 3785 = 454.2 cc/min

**Note:** 3785 cc/gal = conversion factor

454.2 cc/min represents the volume rate of 100% PERACETIC ACID to be injected into the R.O. System in order to obtain a 1% concentration.

\*Refer to the flow chart to locate the pump setting closest to this number.