



STEP 1 - Size main pipe for total flow = > 4 x 60 GPM => 240 GPM

STEP 2 - Plumb in parallel feeding from one side and returning from the other so the distance the water travels thru each unit is the same:

$$\text{Unit 1 distance} = A_{out} + B_{out} + C_{out} = \text{Unit 2} = A_{in} + B_{out} + C_{out} =$$

$$\text{Unit 3 distance} = A_{in} + B_{in} + C_{out} = \text{Unit 4} = A_{in} + B_{in} + C_{in}$$

STEP 3 - Plumb each unit using 2" sch 40 PVC with two coupler unions, a flow meter and two ball valves.

STEP 4 - Startup with Main Gate Valve wide open balance flow using each units inlet ball valve so flow is EQUAL ON ALL UNITS

STEP 5 - SLOWLY CLOSE GATE VALVE UNTIL FLOW FOR EACH UNIT IS BETWEEN 55 to 80 GPM - LOCK GATE VALVE

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SHEET

1 of 1

Rev.

B

TITLE

4 Unit Plumbing Schematic

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