



CAUTION!
 TURN OFF POWER WHEN WORKING WITH WIRING. DO NOT TURN ON POWER IF ANY BARE WIRES ARE EXPOSED. HIGHER AMPERAGES USED TO OPERATE MULTIPLE VALVES CAN RESULT IN SEVERE INJURY OR DEATH.

NOTES:

1. THIS DETAIL SHOWS A METHOD OF BUILDING AN AUTOMATED BACKFLUSH FOR A DISK TYPE FILTER.
2. THE MINIMUM LENGTH OF PIPE SECTIONS LABELED "5X" SHOULD BE 5 TIMES THE PIPE DIAMETER. IE: 2" PIPE = 10" LONG.
3. IRRITROL #102 VALVE MUST BE RECONFIGURED TO BE NORMALLY OPEN. IT COMES FACTORY SET TO NORMALLY CLOSED.
4. ALL VALVES MUST HAVE A SELF-CLEANING INTERNAL SCREEN FOR CONTAMINATION RESISTANCE. (MODELS SHOWN HAVE THIS.)
5. POSSIBLE PUMP STARTER MODELS ARE THE RAINBIRD #RELAY-100 OR HUNTER #PSR-22. MOST OTHERS WILL ALSO WORK.
6. THE IRRIGATION SYSTEM CONTROL VALVES MUST BE OFF WHEN FLUSHING. (NO SPRINKLERS RUNNING.)
7. MOST IRRIGATION CONTROLLER MODELS WILL WORK IF THEY HAVE A 1 MINUTE RUN-TIME INCREMENT.
8. THE IRRIGATION CONTROLLER MUST HAVE ONE STATION FOR EACH FLUSH CYCLE YOU DESIRE. IE; IF YOU WANT TO FLUSH TWICE DURING AN IRRIGATION PERIOD YOU WILL NEED ONE STATION FOR EACH IRRIGATION VALVE PLUS TWO MORE STATIONS FOR THE TWO FLUSH CYCLES.
9. HOW LONG AND HOW OFTEN YOU NEED TO FLUSH DEPENDS ON THE WATER QUALITY. MONITOR CLOSELY AT FIRST.
10. SOME BRANDS OF VALVES AND FILTERS MAY NOT LOOK LIKE THOSE IN THIS SKETCH. BE SURE TO CHECK FOR FLOW DIRECTION ARROWS ON THE EQUIPMENT TO BE SURE THE FLOW IS THE SAME DIRECTION AS SHOWN ON THE SKETCH.

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