

The Pulsar® Infinity System Specifications

1. The Sanitization System shall be a Pulsar® Infinity Feeder and shall operate in a pressurized manner up to 20psi.
2. A pre-filter to post-filter recirculation loop will be added to the main pool recirculation system as part of the Pulsar® Infinity System. The recirculation loop combined with the pitot tube system will create the pressure differential to provide the motive flow of water through the feeder.
3. The Sanitization System shall be N.S.F.® listed.
4. The Sanitization System shall incorporate the principle of HCE (High Capacity Erosion) technology. Water shall rise in a “column” from a submerged nozzle below the Tablet grid making contact with Pulsar® Infinity tablet. The tablet will be submerged in a column of water with the water flow from the nozzle creating a chlorinated solution, which will rise to the top of the feeder where it is discharged to the pool return line. The feeder shall operate with a pressure range between 5-20psi.
5. The Tablet Cartridge shall have a capacity of eleven (~265g) tablets with the equivalent of 6.4 pounds of Pulsar® Infinity Tablets.
6. The chlorine output shall be controlled by the Cartridge height setting (distance of the tablet from the Nozzle) and the inlet flow rate, which has a operating range of 0.5 – 4.5gpm. In addition, an ORP controller may be used for control that is more precise. The inlet flow rate will allow a minimum available chlorine (AvCl) output of 0.5 lb/day and will allow a maximum available chlorine (AvCl) output of 7lbs/day for a Pool and 5.5lbs/day for a Spa.
7. The Sanitization System shall be capable of functioning in temperature between 40° F. and 130° F.
8. The Sanitization System shall operate with Pulsar® Infinity Tablets having 65% minimum available chlorine with a 0.4 to 1.0% scale inhibitor (by weight).
9. The Sanitization System shall be capable of satisfactory performance if installed as per the Manufacturer’s recommendations (Reference Pulsar® Infinity Installation Manual).
10. Manufacturer warrants parts (excluding electrical components) of the Sanitization System to be free of defects in workmanship and material for two* years from date of installation.

*With on line feeder registration (6 months without on-line registration)