

Sewage, Effluent, and Grinder Sizing Questionnaire

1. Will the system be for: Commercial _____ Residential _____
2. Indicate the number of Bathroom Groups _____; Sinks _____;
Water Softeners _____; Other Fixture Units _____.
3. What is the specified Pump Capacity? _____ gpm
4. What is the Discharge Pipe Size? 2" _____; 3" _____; Other _____
5. What is the Vent Discharge Pipe Size? 2" _____; 3" _____; Other _____
6. What type of pipe is to be used? Plastic _____ Iron _____
7. What is the total length of discharge pipe? _____ ft (Measure from the pump's discharge to the point of final discharge, following all contours and bends.)
8. What is the Static Head? _____ ft (The actual vertical distance from the minimum water level to the highest point in the discharge piping.)
9. What are the types and quantities of fittings to be used on the discharge piping?
90° Elbows _____ Tee (Branch flow) _____
45° Elbows _____ Swing Check Valve _____
Tee (Thru-flow) _____ Gate Valve _____
10. What is Specified Basin Size? _____ Dia. X _____ Depth (If not specified, Basin Size will be recommended based on Pump Capacity determined above.)
11. Is the system specified as: Duplex (2-pump) _____ Simplex (1-pump) _____
12. Is the voltage to be: 115 V _____; 230 V _____; Other _____
13. Is the power source to be: Single-phase _____ or Three-phase _____?
14. Is a control panel required? Yes _____ No _____ (If yes, attach any specifications and/or requirements.)
15. Is a High Water Alarm required? Yes _____ No _____
16. If an alarm is required, is it: Indoor _____ or Outdoor _____?
17. Is an IAMPO Approved Basin Required? Yes _____ No _____



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