



INSTANTANEOUS WATER HEATER SYSTEM WITH A BUFFER TANK AND RECIRCULATION LOOP. EXPANSION TANK IS TYPICALLY INSTALLED ON THE COLD WATER INLET BUT CAN BE INSTALLED ON THE HOT WATER SUPPLY AFTER THE WATER HEATER. THE USE OF THE BUFFER TANK IS TO ASSIST IN A LARGE INSTANTANEOUS DEMAND.

THIS DIAGRAM IS ONLY A SUGGESTED PLUMBING SCHEMATIC AND MAY NOT INCLUDE ALL STATE/LOCAL CODE REQUIRED EQUIPMENT, VALVE, ETC.

THE PUMP CAN BE CONTROLLED BY TEMPERATURE (AQUASTAT), TIMER, OR OCCUPANCY SENSOR TO MAINTAIN LOOP AT USAGE TEMPERATURE.

ALL EQUIPMENT AND PIPING SHALL BE SIZED BY CONSULTANT/ENGINEER.

INDUSTRIAL APPLICATIONS

- MEAT PACKING PLANTS
- DAIRIES
- CAR WASHES
- TRUCK WASHING
- AIRPLANES – CLEANING/DE-ICING
- PRE-HEAT FOR PRESSURE WASHERS

