



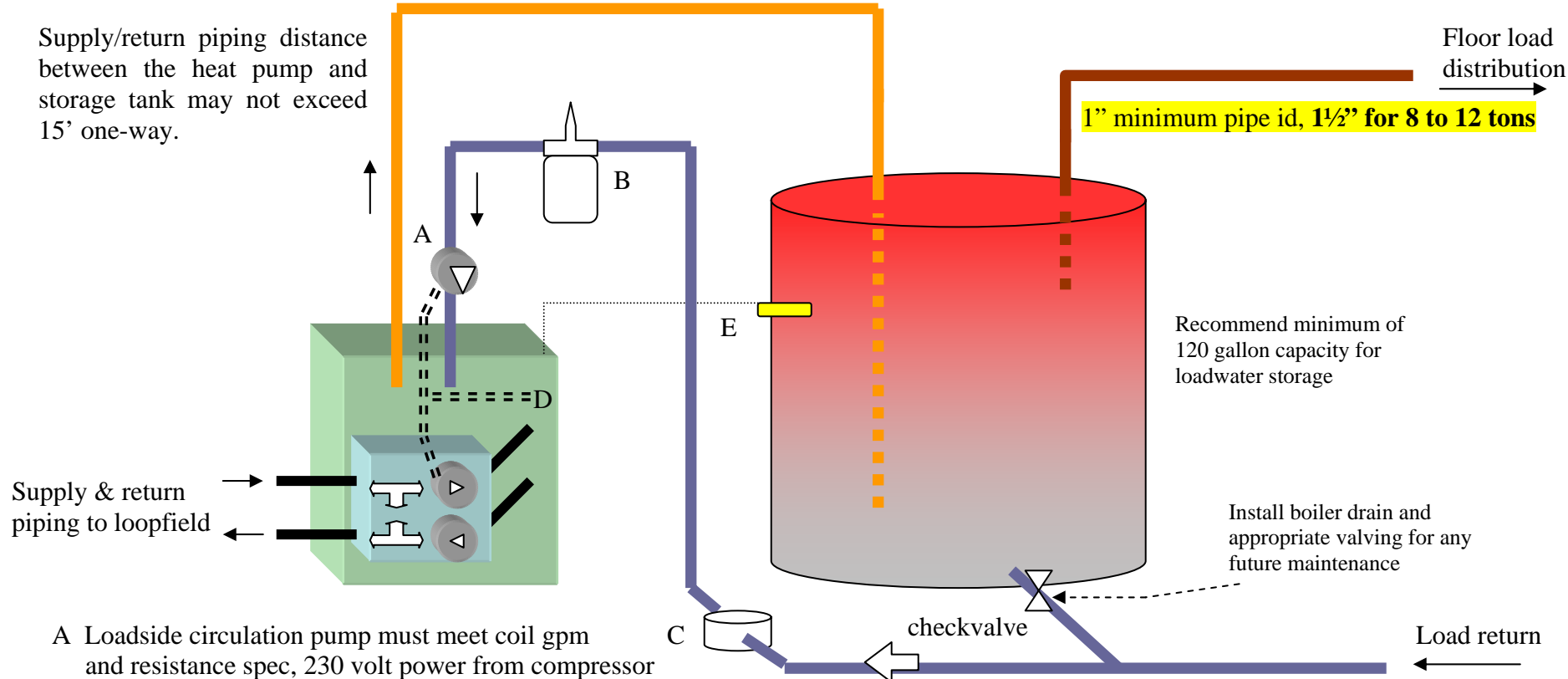
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**Single hydronic unit, single load tank, 2 to 6 tons, 8 to 12 tons.** Conceptual sketch, not scaled. May not show all valves, controls, charge and fill ports, specific piping sizes, or miscellaneous parts. Unit should be spec'd with a CuNi load coil to tolerate periodic maintenance for flushing of mineralization buildup if used for domestic heating and water supply has high TDS. **Note: The loadside circulator (A) is not intended to service the flow and pressure drop load of the fan coils, radiant infloor tubing, or their associated piping, valves or fittings.** You must still use dedicated, balanced circulator(s) for your infloor piping or fan coils, along with the appropriate manifolding and valving.

1" minimum pipe id, 1½" for 8 to 12 tons

Supply/return piping distance between the heat pump and storage tank may not exceed 15' one-way.



- A Loadside circulation pump must meet coil gpm and resistance spec, 230 volt power from compressor
- B Air vent bleed / pressure tank
- C Debris trap/filter, backflow prevention
- D 230 volt / single phase from compressor

E Aquastat, 24 volt – Probe **MUST** be placed in well ~½ to ¾ way up from base of tank, use **ONLY** metallic paste between probe and well to communicate actual temperature if fit is not tight otherwise heat pump will over-run and chronically lockout.