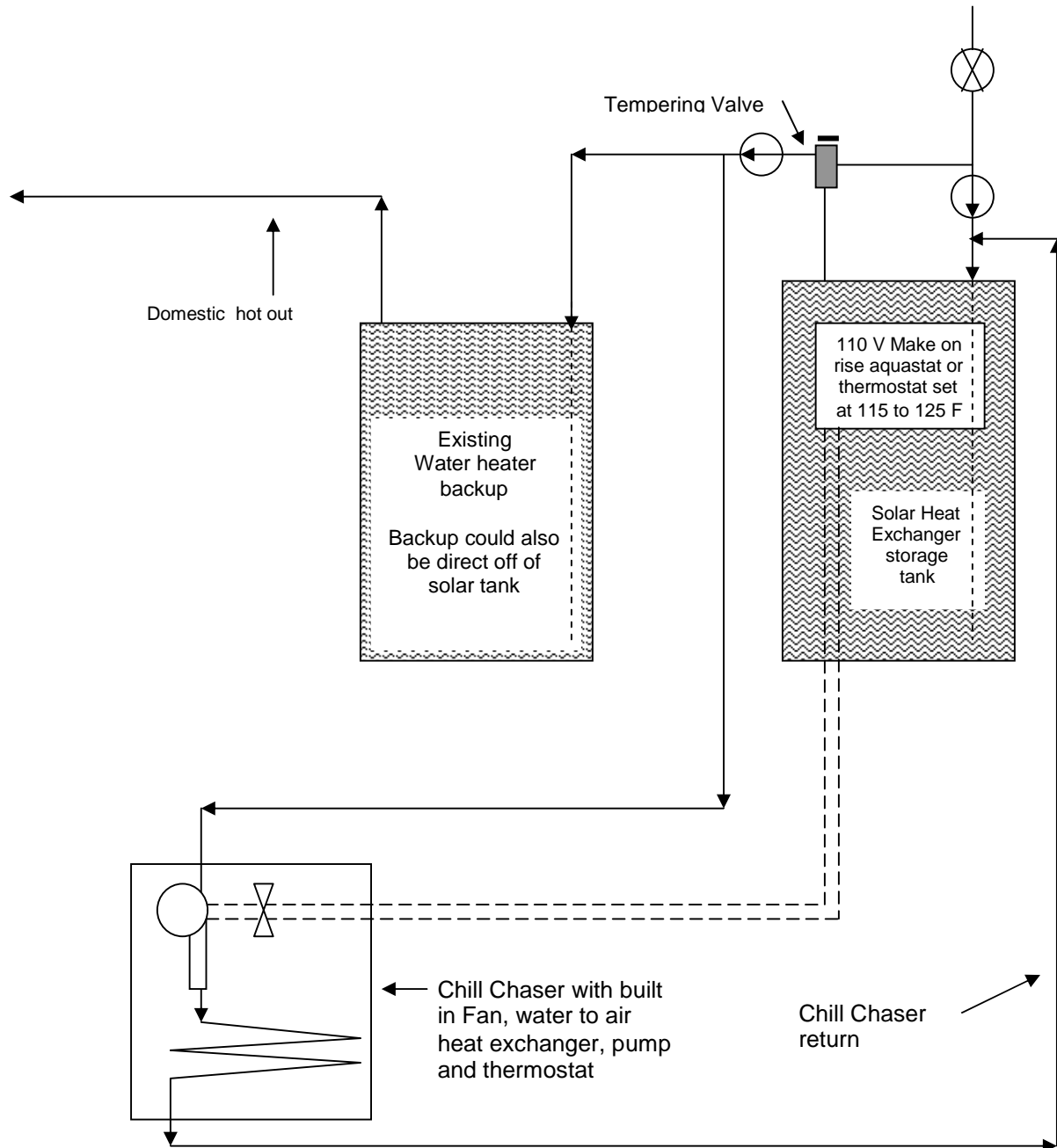


SolarRoofs.com Chill Chaser Space Heating system

Overview: The chill chaser has a built in pump, fan coil and thermostat. It can be simply plugged in or its power to the pump and fan coil can be regulated by an aquastat set to turn on when the solar temperature is high enough. Operation is a simple make on rise 110 V aquastat or thermostat, set to make at 115 F to 125 F, connected to the Chill Chaser

When the solar tank aquastat makes on rise, the pump turns on heating the fan coil and the heat is blown into the room with the fan coil. Two (2) check spring valves prevent cross flows.



Note on operation of 3 way valve: The Taco IS 100-3.2A 3 Way Zone valve's output, called "Main" is always open, the "Bypass", bottom, is normally open but closes upon activation when "Unit" opens causing flow to be straight through for solar operation to bypass the backup. "Bypass" is then the default when enough solar heat is NOT available.

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