Off On Enable Disable Off On On Off

ThermostatHotTub Radiant Heat ForceHotTub DHW heating

DHW heating

* On. Use thermal heating for domestic hot water. Try to keep solar tank at at least 125F in order to prevent growth of Legionella. Don’t send heat to 1st floor radiant or hot tub if solar tank is less than 125F.
* Off. Don’t use thermal heating for domestic hot water. This setting allows for more efficient 1st floor radiant heating as it will turn this on whenever heat is called for and solar tank is warmer than 1st floor. With this setting PLUMBING VALVES MUST BE SET such that solar tank is not used for DHW. Care should also be taken to give adequate high temp thermal cycle when switching over to use DHW heating at the beginning of the season.

Force HTub

* On. Force circulation of solar tank water thru hot tub heat exchanger.
* Off. Don’t force circulation.

Radiant Heat

* On. Allow thermostat control of radiant heat for 1st floor.
* Off. Never heat 1st floor radiant loop (but still dump to 1st floor if solar gets too hot).

Thermostat Hot Tub

* On. Allow thermostat control of solar tank water thru hot tub heat exchanger.
* Off. Disable thermostat control.