The main source of heat is the LEGALETT System. If there is a supplementary heat supply, such as radiators or air heating, the temperature setting for the latter should be approximately 1-2°C (2-4°F) lower than the setting for LEGALETT.

Due to the high thermal mass of the slab, room temperature adjustments in the order of 1-2°C (2-4°F) may take a 1-2 day period to fully stabilize. Temporary reductions in temperature, such as in the event of a week's absence, should be avoided. Please consult your Owner's certificate for the Minimum Temperature Setpoint for your building.

Note that the set temperature of a LEGALETT heated area can be 2-3°C (4-6°F) cooler than the typical set temperature of a conventionally heated room, while maintaining the same level of comfort and saving energy. In addition, since the temperature of the air at the ceiling is lower than it would be with a conventional system, heat loss through the ceiling is also reduced, saving additional energy.

SETTING

For single tier rates for electric units and all water units, LEGALETT thermostats should be operated in the HOLD mode and should be set between 18- 22°C (64-72°F) to achieve an optimal comfort level, depending on personal preference.

For multi-tiered energy rate structures for electric units only, set the thermostat to 22°C (72°F) during the time periods of the lowest energy cost, and 18°C (64°F) during the time periods of the highest energy cost. Adjust as required for comfort, using the programmable mode. See **thermostat instruction sheet** for programming instructions.

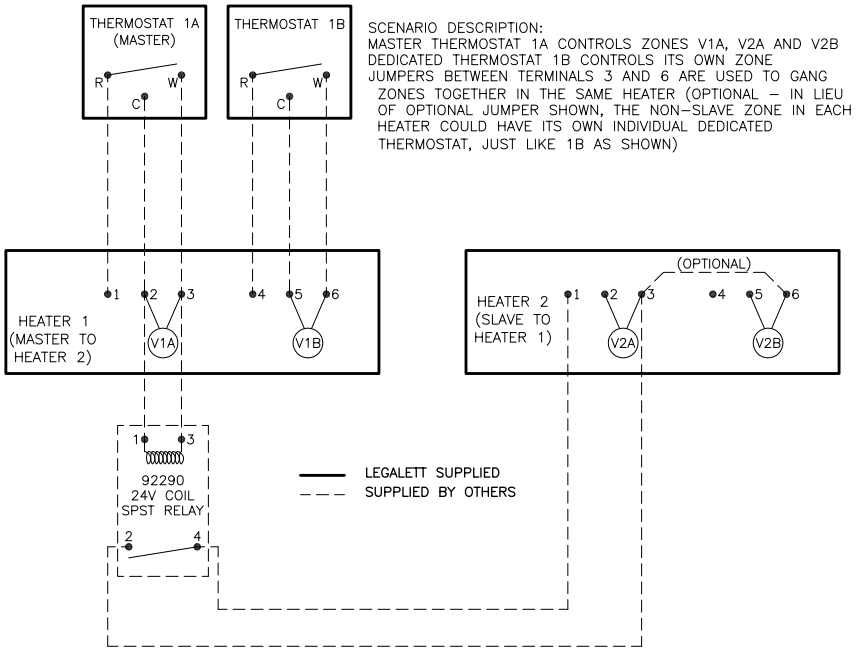
The fan switch does not control the Legalett fan and has no effect.

LOCATION - MOUNT DIRECTLY TO WALL OR HORIZONTAL ELECTRICAL BOX

Each thermostat should be installed as follows:

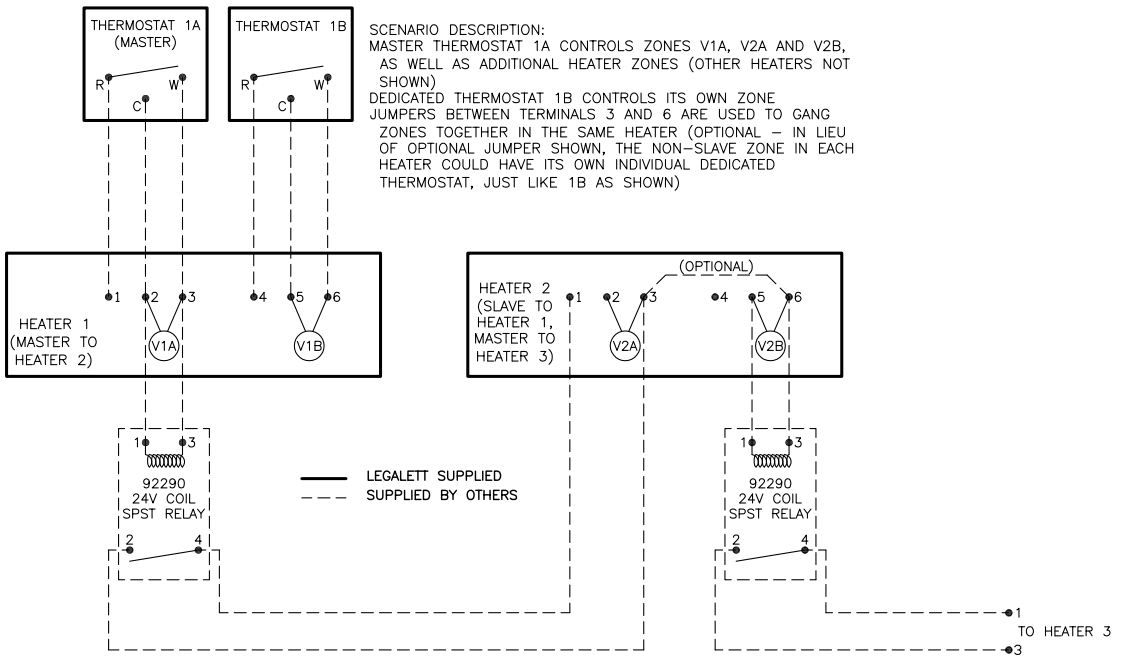
1. In the area or zone served by the pipe loops that it is controlling. Refer to drawing for suggested location.
2. 1500 mm (60") above the floor level.
3. So that the thermostat is not affected by direct sunlight or other sources of heat or cold.
4. So that the thermostat is not affected by any ventilation or cold air ducts.
5. Out of reach of a shower, tub or sink.

ONE THERMOSTAT CONTROLLING ZONES IN 2 HEATERS



INTERLOCK REQUIRES 2 CONDUCTORS FOR MASTER HEATER/THERMOSTAT AND 2 CONDUCTORS FOR SLAVE HEATER, FROM MASTER TO SLAVE
EXISTING INTERNAL HEATER WIRING NOT SHOWN FOR CLARITY
SLAVE RELAY BY OTHERS – MARS 92290 OR GENERIC EQUIVALENT 24V AC COIL SPST FLANGE MOUNT RELAY
SLAVE RELAY CAN CONNECT TO MASTER THERMOSTAT DIRECTLY, TO TERMINALS C AND W
A SINGLE SLAVE RELAY CAN CONTROL ONLY ONE SLAVE HEATER ONE RELAY IS REQUIRED FOR EACH SLAVE HEATER – SEE MULTIPLE HEATER DIAGRAM FOR MULTIPLE SLAVE HEATERS
V = LEGALETT VALVE ACTUATOR OR LEGALETT ELECTRIC COIL RELAY

ONE THERMOSTAT CONTROLLING ZONES IN 3+ HEATERS



INTERLOCK REQUIRES 2 CONDUCTORS FOR MASTER HEATER/THERMOSTAT AND 2 CONDUCTORS FOR SLAVE HEATER, FROM MASTER TO SLAVE. NOTE THAT ONE HEATER IN THE MIDDILE OF A CHAIN CAN BE BOTH MASTER AND SLAVE, AND THUS REQUIRE 4 CONDUCTORS IN TOTAL (AS SHOWN)
EXISTING INTERNAL HEATER WIRING NOT SHOWN FOR CLARITY
SLAVE RELAYS BY OTHERS – MARS 92290 OR GENERIC EQUIVALENT 24V AC COIL SPST FLANGE MOUNT RELAY
SLAVE RELAY CAN CONNECT TO MASTER THERMOSTAT DIRECTLY, TO TERMINALS C AND W
A SINGLE SLAVE RELAY CAN CONTROL ONLY ONE SLAVE HEATER ONE RELAY IS REQUIRED FOR EACH SLAVE HEATER
V = LEGALETT VALVE ACTUATOR OR LEGALETT ELECTRIC COIL RELAY