

## Building Loop Supply and Return Temperatures with PRIMERA Boilers

The first high-temperature limit in the PRIMERA boiler is factory set at 220°F and must not be adjusted. To avoid temperatures in the boiler that exceed this limit, the following building loop temperatures are mandated.

### Required Set Up for 200°F Loop

refer to form 34-75 for required parameter setup in the TempTrac control

PRIMERA Model	Supply Side Building Loop Temperature	“Design Day” Building Loop Delta T	“Design Day” Return Loop Temperature	Minimum System Operating Pressure
2000B	200°F	≥ 30°F	≤ 170°F	15
1600B	Consult Factory			
1200B	200°F	≥ 30°F	≤ 170°F	15
1000B	200°F	≥ 20°F	≤ 180°F	15
750B	200°F	≥ 20°F	≤ 180°F	15
400B / 540B	200°F	≥ 20°F	≤ 180°F	15

### Required Set Up for 190°F Loop

refer to form 34-75 for required parameter setup in the TempTrac control

PRIMERA Model	Supply Side Building Loop Temperature	“Design Day” Building Loop Delta T	“Design Day” Return Loop Temperature	Minimum System Operating Pressure
2000B	190°F	≥ 20°F	≤ 170°F	15
1600B	190°F	≥ 20°F	≤ 170°F	15
1200B	190°F	≥ 20°F	≤ 170°F	15
1000B	190°F	≥ 10°F	≤ 180°F	15
750B	190°F	≥ 10°F	≤ 180°F	15
400B / 540B	190°F	≥ 10°F	≤ 180°F	15

### Required Set Up for 180°F Loop

refer to form 34-75 for required parameter setup in the TempTrac control

PRIMERA Model	Supply Side Building Loop Temperature	“Design Day” Building Loop Delta T	“Design Day” Return Loop Temperature	Minimum System Operating Pressure
2000B	180°F	≥ 10°F	≤ 170°F	15
1600B	180°F	≥ 10°F	≤ 170°F	15
1200B	180°F	≥ 10°F	≤ 170°F	15
1000B	180°F	≥ 10°F	≤ 170°F	15
750B	180°F	≥ 10°F	≤ 170°F	15
400B / 540B	180°F	≥ 10°F	≤ 170°F	15