

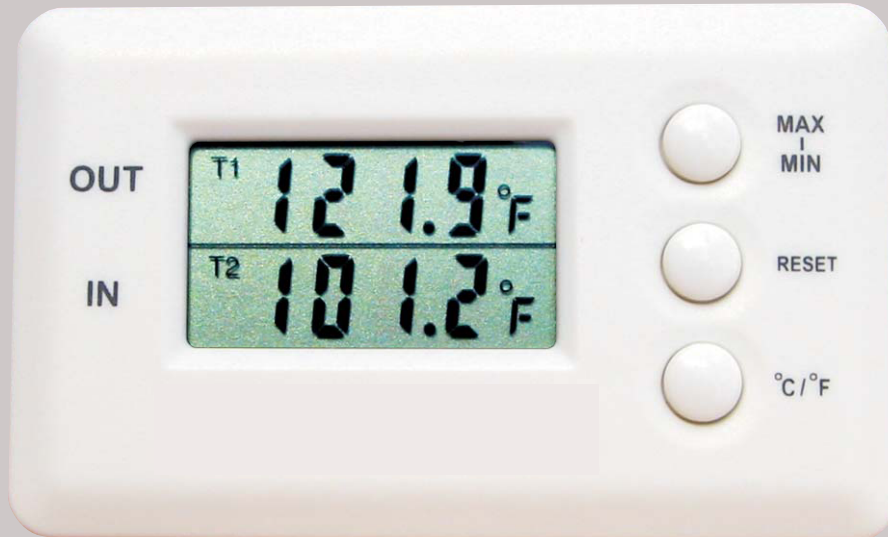


# DIGIT-STAT 30120

## UNIVERSAL DIGITAL TEMPERATURE GAUGE

FOR HYDRONIC HEATING/GEOTHERMAL/SOLAR HEATING APPLICATIONS

NEW



- DUAL CHANNEL DISPLAY FOR SUPPLY AND RETURN TEMPERATURE
- DUAL POWER INPUT: 24VAC OR LITHIUM BATTERY

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# DIGIT-STAT 30120 DIGITAL TEMPERATURE GAUGE FOR HYDRONIC HEATING/GEOTHERMAL/SOLAR HEATING APPLICATIONS



30120 Actual size

The microprocessor-based, Infloor Sales & Service Digital Temperature gauge 30120 represents the "next generation" in temperature gauge industries. The bold, hi-contrast LCD display ensures accurate temperature reading to the tenth degree and can be easily read from greater distances than the conventional mechanical temperature gauge.

30120 replaces two mechanical temperature gauges as it can simultaneously display the accurate temperature of two locations such as the supply and return piping on a hydronic heating system. In addition, the solid state temperature sensor probe can be extended up to several hundred feet. The unit is designed to be powered by 24VAC input or by lithium battery. When 24VAC is supplied, the lithium battery enables the unit to work in case of power failure. Other features include Min/Max memory which shows the highest and lowest temperature after the last reset and instant Fahrenheit to Centigrade conversion. 30120 is also ideal for any applications that requires quick and accurate response to temperature change, an easy to read display and a wide temperature range(eg. Geothermal or Solar Heating Applications).

## FEATURES:

- Dual Large LCD (Liquid Crystal Display) to show supply and return temperature
- Min/Max memory can be selected for both OUT(Supply) and IN (Return) water temperature since the last time RESET button was pressed
- Celsius or Fahrenheit switch on the front unit
- Dual power input: 24VAC or Lithium Battery
- Frequent sample rate dictates any change in temperature instantly
- Easy installation

## SPECIFICATIONS:

- Temperature range: -58 to 302°F (-50 to 150°C)
- Resolution: 0.1°F(0.1°C)
- Accuracy:  $\pm 1^{\circ}\text{C}$  /  $\pm 2^{\circ}\text{F}$
- Sample rate: 3 Secs.
- Input: 2 x 10K ohm thermistor probe model: P-03 (designed to strap on a pipe or insert into a temperature well)
- Operating Voltage: 24VAC or Lithium Battery (included, last for over 3 years)
- Size: 3.5" x 2.0" x 0.9" (88.9mm x 50.8mm x 22.86mm)
- Enclosure: Flame-retardant plastic
- Operating Temperature: 32 to 122°F(0 to 50°C)
- Weight: 0.11lbs (50g)

MODEL	DESCRIPTION
30120	Digital temperature gauge
30121	Universal sensor probe

## UNIVERSAL SENSOR PROBE (THERMISTOR) Model: 30121



The Infloor Sensor Probe is engineered to ensure long life and rapid response. It is designed to strap on a pipe or insert into a temperature well. 30121 is specially designed for use with 30120 and other controls that require 10K ohm thermistors.

## SPECIFICATIONS:

- Sheath: Copper
- Lead: 10" of 20 AWG heat resistance wire
- Dimension: 3/8" OD x 13/16" length (9.5mm OD x 20.6mm)
- Operating range: -58 to 302°F (-50 to 150°C)
- Sensor: 10K ohm @ 77°F (25°C  $\pm$  1%) thermistor
- Weight: 0.02lb (10g)



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