

DIGIT-STAT DS-60P

DIGITAL TEMPERATURE GAUGE
FOR HYDRONIC HEATING SYSTEMS

NEW



Hydronic Heating Panel Goes Digital...

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

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AZEL TECHNOLOGIES INC.

DIGIT-STAT DS-60P DIGITAL TEMPERATURE GAUGE FOR HYDRONIC HEATING SYSTEM



DS-60 (Actual size)

The microprocessor-based, AZEL Technologies Digital Temperature gauge DS-60P 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.

DS-60P replaces two mechanical temperature gauges as it can simultaneously display the accurate temperature of 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. DS-60P is also ideal for any application that requires quick and accurate response to temperature change, an easy to read display and a wide temperature range.

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: 32 to 248°F (0 to 120°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-01 (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)

UNIVERSAL SENSOR PROBE (THERMISTOR) Model: P-01



The Azel 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. P-01 is specially designed for use with DS-60 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: -60 to 255°F (-50 to 125°C)
- Sensor: 10K ohm @ 77°F (25°C \pm 1%) thermistor
- Weight: 0.02lb (10g)

MODEL	DESCRIPTION
DS-60	Digital temperature gauge
P-01	Universal sensor probe
DS-60P	Digital temperature gauge with two universal sensor probes (DS-60 and P-01)

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