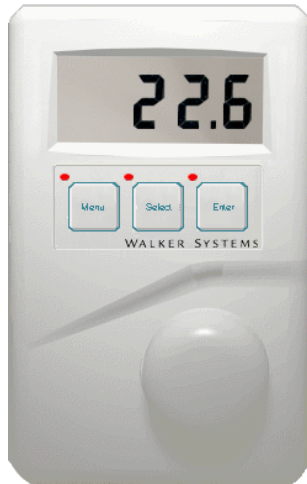




**WALKER SYSTEMS**  
building intelligence



## DESCRIPTION

MicroSTAT-20 is a high accuracy sensor, with a LCD display and 3 function keys (Menu, Select and Enter). Key and key combinations are used to gain global access and the system uses security codes for operator access. MicroSTATs can be connected to all MiniSACs and MicroSACs to provide digital setpoint and live temperature display. The unit includes a terminal connection for global system access.

The LCD can be programmed to display a variety of numbers and words. Keypad labels can be customized to indicate specific button functionality's.

## MicroSTAT-20 (PROGRAMMABLE STAT)

### APPLICATIONS

- room temperature sensing
- global operator system access
- access to system functions

### FEATURES

#### CONNECTIVITY

- RJ45 connection to MicroSACs
- 9600 bps terminal/PC connection
- 9600 bps SAC connection

#### SENSOR

- type 1 3k thermistor
- $\pm 0.2^{\circ}\text{C}$  accuracy ( $\pm 0.36^{\circ}\text{F}$  accuracy)

#### POWER

- 3 mA provided by attached SAC

#### CASE

- 4 character LCD
- 3 function keys (menu, Select and Enter)

## MicroSTAT-20

### TECHNICAL SPECIFICATIONS

#### DISPLAY CAPABILITIES

TIME	SETPOINT	LIVE TEMP	NUMERIC RANGE	WORDS
yes	yes	yes	-199.9 to 199.9 or -1999 to 1999	4, 8 segment digits

#### COMMUNICATION PORTS

TYPE	QTY	USAGE	CONNECTORS
RS-232	1	terminal	RJ45

#### ELECTRICAL / MECHANICAL

POWER SUPPLY	LOADED VA RATING	CASE SIZE	TERMINAL CONNECTOR
SAC	3 mA	114 x 72 x 29 mm	RJ45

25.4mm = 1.0 inches

#### CABLE

TYPE	CONDUCTOR	MAXIMUM LENGTH
RS-232	8 pin conductor that RJ45 conductor can crimp on	20 meters

#### ENVIRONMENTAL

OPERATING TEMPERATURE	STORAGE TEMPERATURE	RELATIVE HUMIDITY
0°C to 50°C (32°F to 122°F)	-35°C to 66°C (-31°F to 151°F)	0 to 95% RH, non-condensing