

PROGRAMMABLE THERMOSTATS

L21 SERIES THERMOSTATS
For Conventional Heating/Cooling Systems Only
(Non-Heat Pump Systems)



Model No.	Description	Catalog No.
L211201CS	1 Heat/1Cool 24 Hour	69H25
L212201CS	1 Heat/2 Cool 24 Hour	69H26
A2000-ROS	Outdoor Temperature Sensor	69H27

Model No.	Description	Catalog No.
L211407CS	1 Heat/1Cool 7-Day	75H19
L212407CS	1 Heat/2 Cool 7-Day	75H20
A2000-ROS	Outdoor Temperature Sensor	69H27

L21 Series 24 Hour Thermostats features automatic or manual changeover, built-in time delays, large easy-to-read LCD readout with actual time and temperature in °F or °C for alternating inside and outside temperature readout (with optional outdoor temperature sensor). Two stage cooling model features low or high speed cooling operation indicators. Check filter indicator flashes at preset interval. Thermostat features system selector switch (Off-Heat-Cool-Auto) and fan switch (On-Auto) for continuous or intermittent blower operation. Indicator lights ("Amber" light indicates system operating. "Green" light indicates night period energy savings). Solid-state electronic technology eliminates battery back-up and maintains thermostat settings during power failure for up to 24 hours. Thermostat has two separate (Day & Night) time and temperature settings per day. Individual slide switches are used to set day and night heat and cool temperatures and nighttime beginning and ending time periods. "Cancel Night" button overrides night temperature settings. "+" and "-" buttons set time of day. Pressing front cover reviews thermostat settings.

Optional Outdoor Temperature Sensor is also available and must be ordered extra. With optional sensor, thermostat will give a readout of present outdoor temperature and the lowest and highest outdoor temperatures of the day and times at which they occurred.

L21 Series 7-Day Thermostats feature full independent seven-day programming, automatic or manual changeover, built-in time delays, large easy-to-read LCD readout with actual time and temperature in °F or °C for alternating inside and outside temperature readout (with optional outdoor temperature sensor). Two stage cooling model features low or high speed cooling operation indicators. Check filter indicator flashes at preset interval. Thermostat features system selector switch (Off-Heat-Cool-Auto) and fan switch (On-Auto) for continuous or intermittent blower operation. Indicator lights show "Amber" indicating system is operating in manual mode or (flashing) 3 hour override. "Green" light indicates system demand. Solid-state electronic technology eliminates battery back-up and maintains thermostat settings during power failure for up to 24 hours. Thermostat has four separate time and temperature settings per day. Individual slide switches are used to set time begin and end and cool temperatures. "+" and "-" buttons set time of day. "Day" button sets day of week and reviews daily programs. "Review" button displays programmed time period setpoints. "Manual" button allows manual control of temperature. "Clear" button erases programmed setpoints when re-programming. "Enter" button enters time of day and temperature setpoints into memory. Monitoring of compressor run times and heating times in hours and cycles is also available. Pressing front cover reviews thermostat settings.

Optional Outdoor Temperature Sensor is also available and must be ordered extra. With optional sensor, thermostat will give a readout of present outdoor temperature and the lowest and highest outdoor temperatures of the day and times at which they occurred.

**L22 & L23 SERIES THERMOSTATS
(For Heat Pump Systems Only)**

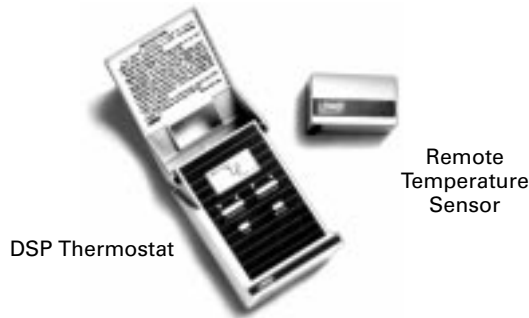


Model No.	Description	Catalog No.
L221407HP	2 Heat/1 Cool 7-Day	91H72
L232407HP	3 Heat/2 Cool 7-Day	91H73
A2000-ROS	Outdoor Temperature Sensor	69H27

L22 & L23 Series 7-Day Thermostats feature full independent seven-day programming, automatic or manual changeover, built-in time delays, large easy-to-read LCD readout with actual time and temperature in °F or °C for alternating inside and outside temperature readout (with optional outdoor temperature sensor). Two stage cooling model features low or high speed cooling operation indicators. "Check System" indicator shows a need for service. Also features "Aux" and "Emer" indicators for supplemental or emergency heat operation. Check filter indicator flashes at preset interval. Thermostat features system selector switch (Off-Heat-Cool-Auto) and fan switch (On-Auto) for continuous or intermittent blower operation. Indicator lights show "Amber" indicating system is operating in manual mode or (flashing) 3 hour override. "Green" light indicates system demand (turns red during emergency heat operation or flashes red indicating check system). Solid-state electronic technology eliminates battery back-up and maintains thermostat settings during power failure indefinitely. Thermostat has four separate time and temperature settings per day. Individual slide switches are used to set time begin and heat and cool temperatures. "+" and "-" buttons set time of day. "Day" button sets day of week. "Prog/Review" button reviews daily programs and displays programmed time period setpoints. "Manual" button allows manual control of temperature. "Clear" button erases programmed setpoints when re-programming. "Enter" button enters time of day and temperature setpoints into memory. "Emer Ht" button allows emergency heat operation. Thermostat also features adjustable lockout of supplemental electric heat. Monitoring of compressor run times and heating times in hours and cycles is also available. Pressing front cover reviews thermostat settings. Intelligent temperature recovery automatically computes time to operate system to meet thermostat day/night settings.

Optional Outdoor Temperature Sensor is also available and must be ordered extra. With optional sensor, thermostat will give a readout of present outdoor temperature and the lowest and highest outdoor temperatures of the day and times at which they occurred.

DSP-200 & 300 THERMOSTATS
For Conventional Heating/Cooling Systems Only
(Non-Heat Pump Systems)



Model No.	Description	Catalog No.
DSP-200	1 Heat/1 Cool Man. Change	18H15
DSP-300	1 Heat/1 Cool Auto. Change	18H14
*LS2-RS	Remote Temperature Sensor	82F75

*Optional for DSP-300 Thermostat only.

DSP-200 Thermostat features manual changeover, built-in time delays, LCD readout with set point temperature and actual temperature in °F or °C, plus system status and operational mode. Individual 'Heating' and 'Cooling' buttons raise or lower temperature set points. 'Mode' button selects heat, cool or system off setting. 'Fan' button allows continuous (On) or intermittent (Auto) blower setting. Solid-state electronic technology eliminates battery back-up and maintains thermostat settings during power failure.

DSP-300 Thermostat features automatic changeover, built-in time delays, LCD readout with set point temperature and actual temperature in °F or °C, plus system status and operational mode. Individual 'Heating' and 'Cooling' buttons raise or lower temperature set points. 'Mode' button selects heat, cool, heat/cool and system off setting. 'Fan' button allows continuous (On) or intermittent (Auto) blower setting. Solid-state electronic technology eliminates battery back-up and maintains thermostat settings during power failure. Remote Temperature Sensor is also available and must be ordered extra.

DSP-600 & 700 THERMOSTATS



Model No.	Description	Catalog No.
DSP-600	2 Heat/2 Cool 3 LED's	43H98
DSP-700	2 Heat/2 Cool 2 LED's	43H99
LS2-RS	Remote Temperature Sensor	82F75

For Heat Pump Systems Only

DSP-600 Thermostat features automatic or manual changeover, built-in time delays, LCD readout with set point temperature and actual temperature in °F or °C, plus system status and operational mode. Individual 'Heating' and 'Cooling' buttons raise or lower temperature set points. 'Mode' button selects heat, cool, heat/cool (auto changeover) and system off setting. 'Fan' button allows continuous (On) or intermittent (Auto) blower setting. Keyboard lockout prevents tampering. Three LED's indicate Auxiliary Heat (Amber), Emergency Heat (Amber) and Heat Pump Malfunction (Red). Solid-state electronic technology eliminates battery back-up and maintains thermostat settings during power failure. Remote Temperature Sensor is also available and must be ordered extra.

For Conventional Heating/Cooling Systems Only
(Non-Heat Pump Systems)

DSP-700 Thermostat features automatic or manual changeover for multi-stage systems, built-in time delays, LCD readout with set point temperature and actual temperature in °F or °C, plus system status and operational mode. Individual 'Heating' and 'Cooling' buttons raise or lower temperature set points. 'Mode' button selects heat, cool, heat/cool (auto changeover) and system off setting. 'Fan' button allows continuous (On) or intermittent (Auto) blower setting. Keyboard lockout prevents tampering. Two LED's indicates compressor lockout (Red) and service filter (Amber). Solid-state electronic technology eliminates battery back-up and maintains thermostat settings during power failure. Remote Temperature Sensor is also available and must be ordered extra.

**T8600D & T8621D THERMOSTATS
For Conventional Heating/Cooling Systems Only
(Non-Heat Pump Systems)**



Model No. **Description** **Catalog No.**
T8600D 1 Heat/1 Cool 5-1-1 Day **27H31**

Thermostat with wiring wallplate features automatic change-over, built-in time delays, system switch (Heat-Off-Cool-Auto), fan switch (On-Auto) for continuous or intermittent blower operation, touch sensitive keyboard and LCD display with time, day, status and temperature readout in °F or °C. Thermostat has 5-1-1 day programming for weekdays and Saturday/Sunday schedules with four different time and temperature settings (Wake-Leave-Return-Sleep) per day. Two LED's indicate Energy Savings (Setback) and System 'on'. Has instant override capabilities for skipping current program, running previous program, temporarily raising or lowering temperature for current program or overriding program indefinitely. Three 'AAA' alkaline batteries protect programs in case of power failure.

Model No. **Description** **Catalog No.**
T8621D 2 Heat/2 Cool 7 Day **27H29**

Thermostat with switching subbase features automatic change-over, built-in time delays, system switch (Heat-Auto-Cool-Off), fan switch (On-Auto) for continuous or intermittent blower operation, touch sensitive keyboard and LCD display with time, day, status and temperature readout in °F or °C. Thermostat has full independent 7 day programming with four different time and temperature settings (Morning-Midday-Evening-Night) per day. Three LED's indicate Cooling Stage 1, Cooling Stage 2 and System 'on' status. Has instant override capabilities for skipping current program, running previous program, temporarily raising or lowering temperature for current program or overriding program indefinitely. Three 'AAA' alkaline batteries protect programs in case of power failure.

**T8611G THERMOSTAT
For Heat Pump Systems Only**



Model No. **Description** **Catalog No.**
T8611G 2 Heat/1 Cool 5-1-1 Day **27H30**

Thermostat with switching subbase features automatic change-over, built-in time delays, system switch (Emergency Heat-Heat-Off-Auto-Cool), fan switch (On-Auto) for continuous or intermittent blower operation, touch sensitive keyboard and LCD display with time, day, status and temperature readout in °F or °C. Thermostat has 5-1-1 day programming for weekdays and Saturday/Sunday schedules with four different time and temperature settings (Wake-Leave-Return-Sleep) per day. Five LED's indicate System 'on', Energy Savings (Setback), Emergency Heat, Auxiliary Heat and Check System status. Has instant override capabilities for skipping current program, running previous program, temporarily raising or lowering temperature for current program or overriding program indefinitely. Three 'AAA' alkaline batteries protect programs in case of power failure.

**1F92 & 1F94 THERMOSTATS
For Conventional Heating/Cooling and Heat Pump Systems**



Model No.	Description	Catalog No.
1F92	3 Heat/2 Cool 5-2 day	18H12

Thermostat with wiring wallplate features automatic or manual changeover, built-in time delays, system switch (Heat-Emergency Heat-Off-Cool-Auto), fan switch (On-Auto) for continuous or intermittent blower operation, touch sensitive keyboard with audible indicator and backlit LCD readout with time and temperature in °F or °C, plus operational mode and system status. Thermostat has 5-2 day programming for Monday thru Friday and Saturday/Sunday scheduling with up to four separate time and temperature settings (Morning-Day-Evening-Night) per day. Four LEDs indicate Emergency Heat (Red), Auxiliary Heat (Yellow), Heat Pump Malfunction (Red), and Heat Pump Operation (Green). Has instant override capabilities for temporary two hour override of current program, overriding program indefinitely or advancing to next program. Temperature 'Up' and 'Down' buttons adjust temperature settings during programming and override functions. A 9 volt alkaline battery protects programs in case of power failure.

Model No.	Description	Catalog No.
1F94	3 Heat/2 Cool 7-day	18H13

Thermostat with wiring wallplate features automatic or manual changeover, built-in time delays, system switch (Heat-Emergency Heat-Off-Cool-Auto), fan switch (On-Auto) for continuous or intermittent blower operation, touch sensitive keyboard with audible indicator and backlit LCD readout with day, time and temperature in °F or °C, plus operational mode and system status. Thermostat has full independent 7 day programming with up to four separate time and temperature settings per day. Four LEDs indicate Emergency Heat (Red), Auxiliary Heat (Yellow), Heat Pump Malfunction (Red) and Heat Pump Operation (Green). Has temporary override capabilities for temporary two hour override of current program or overriding program indefinitely. Temperature 'Up' and 'Down' buttons adjust temperature settings during programming and override functions. 'Copy' button allows duplication of one day's programming to another day. Keyboard lockout prevents program tampering. A 9 volt alkaline battery protects programs in case of power failure.

**1F90 & 1F97 THERMOSTATS
For Conventional Heating/Cooling Systems Only
(Non-Heat Pump Systems)**



Model No.	Description	Catalog No.
1F90	1 Heat/1 Cool 5-2 day	18H10

Thermostat with wiring wallplate features automatic or manual changeover, built-in time delays, system switch (Heat-Off-Cool-Auto), fan switch (On-Auto) for continuous or intermittent blower operation, touch sensitive keyboard with audible indicator and backlit LCD readout with time and temperature in °F or °C, plus operational mode and system status. Thermostat has 5-2 day programming for Monday thru Friday and Saturday/Sunday scheduling with up to four separate time and temperature settings (Morning-Day-Evening-Night) per day. Red LED indicates system operation. Has instant override capabilities for temporary two hour override of current program, overriding program indefinitely or advancing to next program. Temperature 'Up' and 'Down' buttons adjust temperature settings during programming and override functions. Keyboard lockout prevents program tampering. Three "AA" alkaline batteries protect programs in case of power failure.

Model No.	Description	Catalog No.
1F97	1 Heat/1 Cool 7-day	18H11

Thermostat with wiring wallplate features automatic or manual changeover, built-in time delays, system switch (Heat-Off-Cool-Auto), fan switch (On-Auto) for continuous or intermittent blower operation, touch sensitive keyboard with audible indicator and backlit LCD readout with day, time and temperature in °F or °C, plus operational mode and system status. Thermostat has full independent 7 day programming with up to four separate time and temperature settings (Morning-Day-Evening-Night) per day. Red LED indicates system operation. Has instant override capabilities for temporary two hour override of current program, overriding program indefinitely or advancing to next program. Temperature 'Up' and 'Down' buttons adjust temperature settings during programming and override functions. "Copy" button allows duplication of days programming to another day. Keyboard lockout prevents program tampering. Three "AA" alkaline batteries protect programs in case of power failure.

ELECTRO-MECHANICAL THERMOSTATS

T874 THERMOSTATS (Order Subbase Separately)



Model No.	Description	Catalog No.
T874A1051	1 Heat/1 Cool	12F99
Q674E1262	Subbase	13F17

Subbase features system selector switch (Off-Heat-Auto-Cool) and fan switch (Auto-On) for intermittent or continuous blower operation. Optional for GCS16H/GCS20H/CHA16H models without economizer and GCS16R/GCS20R/CHA16R models.

Model No.	Description	Catalog No.
T874B1050	1 Heat/2 Cool	13F02
Q674E1262	Subbase	13F17

Subbase features system selector switch (Off-Heat-Auto-Cool) and fan switch (Auto-On) for intermittent or continuous blower operation. Optional for GCS16H/GCS20H/CHA16H models with economizer and HS17 Series units.

Model No.	Description	Catalog No.
T874C1034	2 Heat/1 Cool	13F04
Q674E1262	Subbase	13F17

Subbase features system selector switch (Off-Heat-Auto-Cool) and fan switch (Auto-On) for intermittent or continuous blower operation. Optional for HS17 Series.

Model No.	Description	Catalog No.
T874D1033	2 Heat/2 Cool	13F06
Q674E1262	Subbase	13F17

Subbase features system selector switch (Off-Heat-Auto-Cool) and fan switch (Auto-On) for intermittent or continuous blower operation. Optional for HS17 Series units with two speed compressors.

Model No.	Description	Catalog No.
T874E1032	2 Cool Only	13F09
Q674C1009	Subbase	13F15

Subbase has manual system switch (Off-Auto) and fan switch (Auto-On) for intermittent or continuous blower operation. Optional for HS17 Series units with two speed compressors.

Model No.	Description	Catalog No.
T874F1023	2 Heat Only	13F11
Q674D1008	Non-switching Subbase	13F16

Model No.	Description	Catalog No.
T874Q1013	1 Heat Only	13F12
Q674D1008	Non-switching Subbase	13F16

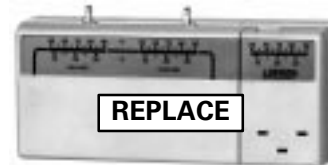
T874 THERMOSTAT GUARDS



Model No.	Description	Catalog No.
TG504A1041	with thermometer	18F82
TG504A1058	without thermometer	18F81

Easy-to-install guard with key lock protects T874 thermostat and Q674 subbase against damage and prevents tampering of thermostat setting and subbase switches.

3AA THERMOSTATS (Subbase Furnished) For Heat Pump Systems Only



All 3AA Thermostats feature an exclusive Positive Temperature Coefficient (PTC) thermistor that reduces thermostat droop, eliminates anticipator adjustment, maintains a more constant temperature and even system cycling.

Model No.	Description	Catalog No.
3AAT88D38B1	2 Heat/1 Cool	51H40

Thermostat with emergency heat subbase. Automatic changeover subbase is furnished with thermostat and features system selector switch (Heat-Auto-Cool), fan switch (Auto-On) for continuous or intermittent blower operation, emergency heat switch and indicator light. ("Amber" light indicates thermostat has been placed in emergency heat mode.) Thermostat has two separate temperature selector levers for heating and cooling operation. Optional for CHP16H/CHP20H models without economizer and CHP16R/CHP20R models.

Model No.	Description	Catalog No.
3AAT89B38F1	2 Heat/1 Cool	21J73

Thermostat with subbase. Manual changeover subbase is furnished with thermostat and features system selector switch (Heat-Off-Cool) and fan switch (Auto-On) for continuous or intermittent blower operation. Thermostat has single temperature lever control for heating and cooling operation. Optional for HP23 series units.

Model No.	Description	Catalog No.
3AAT89B38E1	2 Heat/1 Cool	21J72

Thermostat with emergency heat subbase. Manual changeover subbase is furnished with thermostat and features system selector switch (Heat-Off-Cool), fan switch (Auto-On) for continuous or intermittent blower operation, emergency heat switch and indicator light. ("Amber" light indicates thermostat has been placed in emergency heat mode.) Thermostat has single temperature lever for heating and cooling operation. Optional for CHP16H/CHP20H models without economizer and CHP16R/CHP20R models.

Model No.	Description	Catalog No.
3AAT89B38D1	2 Heat/1 Cool	21J71

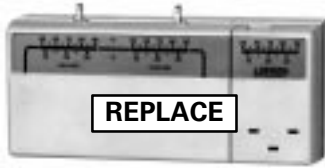
Thermostat with emergency heat subbase. Manual changeover subbase is furnished with thermostat and features system selector switch (Heat-Off-Cool), fan switch (Auto-On) for continuous or intermittent blower operation, emergency heat switch and two indicator lights. ("Red" light indicates heat pump malfunction. "Amber" light indicates thermostat has been placed in emergency heat mode.) Thermostat has single temperature lever for heating and cooling operation and connections for ambient compensating thermistor. Optional for HP23 series units with Monitor Kit LB-52359CA (76F53) and HP19, HP25 and HP26 series units.

Model No.	Description	Catalog No.
3AAT88D38C1	2 Heat/2 Cool	51H43

Thermostat with emergency heat subbase. Manual changeover subbase is furnished with thermostat and features system selector switch (Heat-Off-Cool), fan switch (Auto-On) for continuous or intermittent blower operation, emergency heat switch and three indicator lights. ("Red" light indicates heat pump malfunction. "Orange" light indicates thermostat has been placed in emergency heat mode. "Green" light indicates low speed cooling or both speeds heating.) Thermostat has two separate temperature selector levers for heating and cooling operation and connections for ambient compensating thermistor. Optional for HP21 series two-speed heat pump units.

ELECTRO-MECHANICAL THERMOSTATS (Continued)

**3AA THERMOSTATS
(Subbase Furnished)
For Conventional Heating/Cooling Systems Only
(Non-Heat Pump Systems)**



All 3AA Thermostats feature an exclusive Positive Temperature Coefficient (PTC) thermistor that reduces thermostat droop, eliminates anticipator adjustment, maintains a more constant temperature and even system cycling.

Model No.	Description	Catalog No.
3AAT88C38B1	1 Heat/2 Cool	51H34

Thermostat with subbase. Subbase is furnished with thermostat and features system selector switch (Off-Heat-Auto-Cool) and fan switch (Auto-On) for continuous or intermittent blower operation and indicator light ("Green" light indicates low speed compressor operation). Optional for HS14 series two-speed condensing units.

Model No.	Description	Catalog No.
3AAT89A38A1	1 Heat/1 Cool (Manual Changeover)	78H22

Thermostat with subbase. Subbase is furnished with thermostat and features system selector switch (Heat-Off-Cool) and fan switch (Auto-On) for continuous or intermittent blower operation.

Model No.	Description	Catalog No.
3AAT8838A1	1 Heat/1 Cool (No Fan Switch)	86H23

Thermostat with subbase. Subbase is furnished with thermostat and features system switch (Off-Auto). No fan switch. Optional for Harmony™ Zone Control System.

Model No.	Description	Catalog No.
3AAT88D38A1	2 Heat/2 Cool (Auto Changeover)	97H28

Thermostat with subbase. Subbase is furnished with thermostat and features system switch (Heat-Off-Auto-Cool) and fan switch (Auto-On) for continuous or intermittent blower operation.

**HEATING THERMOSTATS
(Heating/Cooling Subbase Optional)**



Model No.	Description	Catalog No.
T87F2048 (Bronze)	1 Heat Only	37111
Q539A1006 (Bronze)	1 Heat/1 Cool	68525

T87F3863 (White)	1 Heat Only	78H47
Q539A1485 (White)	1 Heat/1 Cool	78H48

Thermostat features sensitive mercury bulb control with adjustable heat anticipation.

Optional subbase features system selector switch (Heat-Off-Cool) and fan switch (Auto-On) for intermittent or continuous blower operation.

**HEATING — COOLING THERMOSTATS
(Subbase Furnished)**



Model No.	Description	Catalog No.
T87F2048 (Bronze)	1 Heat/1 Cool	38234
Q539A1006 (Bronze)	Subbase	furnished

T87F3863 (White)	1 Heat/1 Cool	78H49
Q539A1485 (White)	Subbase	furnished

Thermostat with subbase. Subbase features system selector switch (Heat-Off-Cool) and fan switch (Auto-On) for intermittent or continuous blower operation. Thermostat has adjustable heat anticipation and single mercury bulb temperature control.

**HEATING — COOLING THERMOSTAT
(Subbase Furnished)**



Model No.	Description	Catalog No.
T834C1475	1 Heat/1 Cool w/ Subbase	17G18

Thermostat with subbase. Subbase features system selector switch (Heat-Off-Cool) and fan switch (Auto-On) for intermittent or continuous blower operation. Thermostat features adjustable heat anticipation and single mercury bulb temperature control.

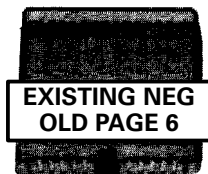
**HEATING — COOLING THERMOSTAT
(Subbase Furnished)**



Model No.	Description	Catalog No.
1F56420	1 Heat/1 Cool w/ Subbase	17G17

Thermostat with subbase. Subbase features system selector switch (Heat-Off-Cool) and fan switch (Auto-On) for intermittent or continuous blower operation. Thermostat has sensitive mercury bulb temperature control and adjustable heat anticipation.

UNIVERSAL THERMOSTAT GUARD



Model No.	Description	Catalog No.
TG500A1045	Guard with lock	86734

Durable plastic thermostat guard with key lock protects thermostat and subbase against damage and prevents tampering of thermostat setting and subbase switches.