

ATA11H01 Microelectronic Thermostat

T8501D1087

INSTALLATION INSTRUCTIONS

Use form 69-0959 except use Table 2 and the hookup diagrams that follow.

Table 2. Thermostat installer setup options.

Select	Mode Number (Press i key to change)	Factory-Setting		Other Choices (Press ▲ or ▼ key to change)	
		Display	Description	Display	Description
Not used	01	—	—	—	—
Fan operation	02	01	Heat pump and electric heat applications where thermostat controls fan operation in heat mode.	00	Conventional applications where equipment controls fan operation in heat mode.
Not used	03	—	—	—	—
Heating cycle rate	04	03	3 cph used for conventional systems	01, 06, or 09	01—1 cph used for radiant floor heat, gravity systems 06—6 cph used for conventional systems. 09—9 cph used for electric heat systems
Not used	05 thru 11	—	—	—	—
Changeover (T8501D only)	12	00	Automatic changeover	01	Manual changeover
Not used	13	—	—	—	—
Degree temperature display	14	00	Temperature is displayed in °F	01	Temperature is displayed in °C
Not used	15 thru 18	—	—	—	—
Extended fan operation in heating ^a	19	01	Fan operation is extended 90 seconds after the call for heat ends.	00	No extended fan operation after the call for heat ends
Extended fan operation in cooling	20	01	Fan operation is extended 90 seconds after the call for cool ends	00	No extended fan operation after the call for cool ends
Not used	21 thru 23	—	—	—	—
Outdoor temperature display	24	00	No outdoor temperature is displayed	01	Outdoor temperature is displayed. Needs a C7089B1000 Outdoor Sensor to operate.

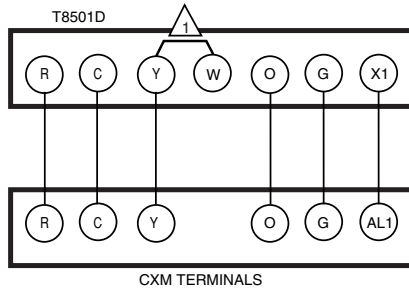
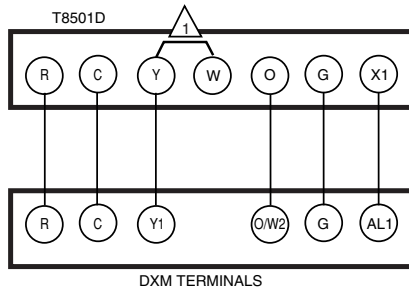
^a Mode 02 must be set to 01 to extend fan operation.

(continued)



Table 2. Thermostat installer setup options (continued).

Select	Mode Number (Press i key to change)	Factory-Setting		Other Choices (Press ▲ or ▼ key to change)	
		Display	Description	Display	Description
Not used	25 thru 32	—	—	—	—
Minimum off time for the compressor	33	00	No minimum off time for the compressor	01, 02, 03, 04 or 05	Minimum number of minutes (0 thru 5) the compressor will be off between calls for the compressor
Heating setpoint range stop	34	80	Heating setpoint can be set no higher than 80°F	40 thru 90	Number can be set anywhere between 40 and 90 in 1°F increments
Cooling setpoint range stop	35	60	Cooling setpoint can be set no lower than 60°F ^c	45 thru 99	Number can be set anywhere between 45 and 99 in 1°F increments
Not used	36	—	—	—	—
Temperature display adjustment	37	00	No difference in displayed temperature and actual room temperature	-03 thru 03	01—Display adjusts to 1°F higher than actual room temperature 02—Display adjusts to 2°F higher than actual room temperature 03—Display adjusts to 3°F higher than actual room temperature -01—Display adjusts to 1°F lower than actual room temperature -02—Display adjusts to 2°F lower than actual room temperature -03—Display adjusts to 3°F lower than actual room temperature



FACTORY INSTALLED JUMPERS.

M14304