

THERMOSTAT SELECTION GUIDE

Energy savings, comfort control, convenience



The best thermostats can reduce energy usage and save money, while improving your comfort level by keeping the room temperature consistent. Not sure which thermostat is right for you? Take a look at some helpful details below.



BUILT-IN COM-PAK



MECHANICAL



BUILT-IN BASEBOARD



ELECTRONIC



PROGRAMMABLE

	BUILT-IN COM-PAK	MECHANICAL	BUILT-IN BASEBOARD	ELECTRONIC	PROGRAMMABLE
Price range	\$	\$	\$\$	\$\$\$	\$\$\$
Accuracy / Comfort range (temperature swing)	5 degree	5 degree	5 degree	1 degree	1 degree
Digital display	No	No	No	Yes	Yes
Programmable	No	No	No	No	Yes
Ideal performance for	Fan	Baseboard/Fan	Baseboard	Baseboard/Fan	Baseboard/Fan
2-wire, LOW setting (single pole) or 4-wire, OFF setting (double pole)	Both available	Both available	Both available	Double Pole	Both available
Maximum Amp Rating	22	22	22	10.4 - 15	12.5 - 16.7
Use with what volt heaters (line voltage control)	120/208/240	120/208/240	120/208/240	120/208/240	120/208/240

THERMOSTAT SELECTION GUIDE - UNDERSTANDING THE BASICS

Wall thermostat or built-in thermostat? Wall thermostats control your room temperature more accurately, with electronic models being the best choice for saving money. Built-in controls are easier to install when your walls are already finished (less wire to run).

Electronic or mechanical? Electronic thermostats use digital temperature sensing for precise temperature control within 1 degree of your setpoint. Mechanical thermostats use metal that expands and contracts with temperature changes in your space, resulting in a temperature range or swing of approximately 5 degrees of the setpoint.

Programmable or non-programmable? Programmable electronic thermostats are the ultimate convenience with energy savings. Non-programmable models are still very accurate but require manual input for changes.

Single pole or double pole? Single pole thermostats have two or three connection wires and a 'low' setting, so they'll turn your heater on automatically if your room gets down to around 40°F (4°C). Double pole thermostats have four connection wires and an 'off' setting. When the thermostat is off, your heater will not come back on without someone turning the knob or pressing a button.

Line voltage or low voltage? Line voltage thermostats are what you need for electric wall or baseboard heaters and panel convectors. Low voltage thermostats are used for large BTU central heating and cooling systems.



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