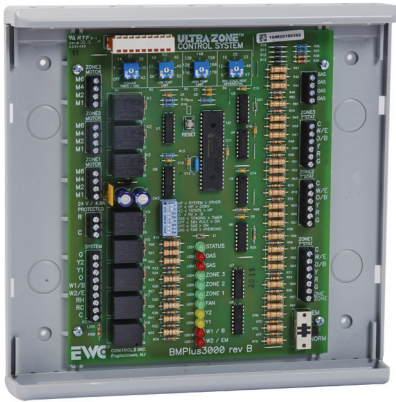


Zone Control Systems



BMPlus Series (up to 3 heat & 2 cool)

The BMPlus control panel is a single stage, two stage, dual fuel, and heat pump compatible panel controlling up to seven zones. The system features automatic changeover and fan control from any zone with a built in computer “watchdog circuit” to ensure proper operation. The BMPlus is supplied with an SAS sensor for high and low temperature limit control that has field adjustable temperature limits.

The control panel is compatible with any 3 or 4 wire thermostat on any zone and allows for single stage thermostats to control heat-pump or multi-stage equipment. The BMPlus is also compatible with any two stage heat pump thermostat which can be used in all zones. Our unique 50% rule (if set) will inhibit second stage if less than half of the total number of zones are calling. The intelligent design of the BMPlus eliminates the need for a dual fuel kit for heat pumps. The panel can control staging based on time or outdoor temperature with the optional OAS sensor.

The convenient “One Zone Mode” allows for the entire zoning system to be programmed from one location. This can be controlled by the thermostat or the optional VAC switch. This is great for vacation periods or night set back applications.

SAS Included



Model	List Price	Model	List Price
BMPlus-3000	\$380.00	XM-2	\$315.00
BMPlus-5000	520.00	SAS	\$55.00
BMPlus-7000	725.00	OAS	\$55.00
		VAC	\$60.00



XM-2 (Expansion Panel) (maximum 7 zones)

The XM-2 is the expansion panel for the BMPlus series control panel. The XM-2 will allow the original (3) three zone panel to expand (2) two zones at a time. The XM-2 comes with a “plug-n-play” cable that will connect to the main panel.

Model	List Price
XM-2	\$315.00

OAS

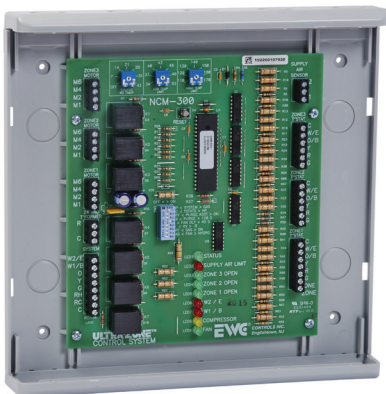


VAC



Accessories

Model	List Price
OAS	\$55.00
VAC	\$60.00



NCM-300

The NCM-300 control panel is compatible with single stage systems, two stage heat systems and heat pump systems. The panel is configured for 2 or 3 zones and non-expandable. This is ideal for residential new construction allowing a very competitive product to be sold to the homebuilder. The NCM-300 features automatic changeover and fan control from any zone with a built in computer “watchdog circuit” to ensure proper operation. The panel is shipped with an SAS sensor for high and low limit protection control. The SAS has adjustable potentiometers for the heating and cooling limits for different geographical locations. The NCM-300 control panel is compatible with any 3 or 4 wire thermostat on any zone and allows for single stage thermostats to control heat pumps or multi-stage systems with an adjustable timer. The NCM-300 is also compatible with two-stage heat pump and dual fuel thermostats.

The opposing system timer ensures that no zone will starve for needed conditioned air, this can also be turned off to allow for maximum run times. The “One Zone” allows the occupants to flip a switch (VAC) and put the panel into vacation mode. This mode sets the zoning system based on the program of the zone one thermostat allowing the whole system to be programmed from one location. The LED bank allows for instant recognition and detection of system status for the installer.

The NCM-300 allows for dual transformer systems (ex. hydro-air, oil burners, hot water coils etc.) to wire up without the need for additional relays. We have incorporated an isolation relay on the NCM-300 to allow for easy wiring to these systems.

SAS Included



Model	List Price
NCM-300	\$325.00
VAC	\$60.00
RES	\$60.00