

Table 2.1 - Standard Switch #2 Label based on Unit Application Selection

Unit Model Number Digit 17	Air Control Description	Evap Cooler Included?	Standard Switch #2 Included on Panel
A	100% Make-Up Air, Single Speed	No	n/a
A	100% Make-Up Air, Single Speed	Yes	Evap On/Off
B	100% Make-Up Air, Two Speed Motor or VFD, Type A	Yes or No	High/Low
C	100% Make-Up Air, Two Speed Motor or VFD, Type B	No	n/a
C	100% Make-Up Air, Two Speed Motor or VFD, Type B	Yes	Evap On/Off
D,E	VFD DDC Control, Type A or B	No	n/a
D,E	VFD DDC Control, Type A or B	Yes	Evap On/Off
F	VFD or Return Air, Space Pressure Control, Type A	No	n/a
F	VFD or Return Air, Space Pressure Control, Type A	Yes	Evap On/Off
G	VFD or Return Air, Space Pressure Control, Type B	Yes or No	Occupied/Unoccupied
H	VFD or Return Air, Space Pressure Control, Type C	No	n/a
H	VFD or Return Air, Space Pressure Control, Type C	Yes	Evap On/Off
I,L,P,S	Return Air, Two-Position, Type A	Yes or No	Occupied/Unoccupied
J,M,Q,T	Return Air, Two-Position, Type B	Yes or No	Occupied/Unoccupied
K,N,R,U	Return Air, Two-Position, Type C	No	n/a
K,N,R,U	Return Air, Two-Position, Type C	Yes	Evap On/Off

INSTALLATION

The remote monitoring panel is to be mounted indoors in an environment free of excessive contaminants such as oil, moisture, and dirt. Mounting holes are provided in the rear of the enclosure for mounting to a wall, terminal box, etc. Conduit entrance knockouts are provided on the sides, bottom, and rear of the enclosure.

The following general points should be observed for best performance:

- Mount the unit approximately 5ft. (1.5m) above the floor on an inside wall with good air circulation at average temperature.
- For remote panels with a Maxtrol 44 T244 modulating room stat, mount the unit away from the following:
 - Drafty areas
 - Areas behind doors or in corners
 - Hot or cold air from ducts
 - Sources of radiant heat such as the sun, infrared heaters, etc.
 - Concealed pipes or chimneys
 - Areas behind the thermostat that are unheated or uncooled (such as an outside wall)

WIRING

Installation of wiring must conform with local building codes, or in the absence of local codes, of the National Electric Code ANSI/NFPA 70 – Latest Edition. Unit must be electrically grounded in conformance to this code. In Canada, wiring must comply with CSA C22.1, Part 1, Electrical Code. TD114 and T244 wiring must be shielded if run in conduit with line voltage and can be run up to 100 feet. For runs over 100 feet up to 200 feet, separate conduit must be used. For longer runs, consult the factory

The remote monitoring panel components are designed to accept the following connections:

Lights: 3/16" quick connect terminals

Switches: 1/4" quick connect terminals

Maxitrol TD114 set-point adjuster: 1/4" quick connect terminals

WIRING DIAGRAM SELECTION

- Refer to the job specific unit wiring diagram provided with the unit.
- For deviations to the job specific wiring diagram, consult the factory.

Figure 2.1
Dimensions of Remote Monitoring Panel (inches)

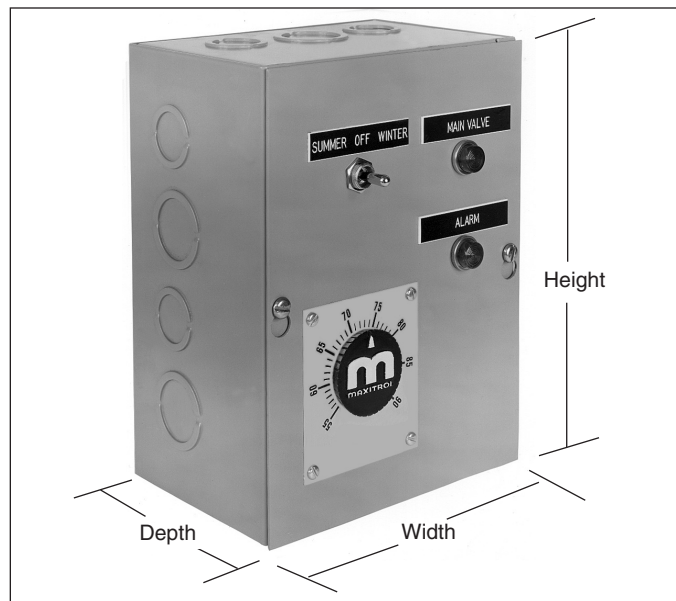


Table 25.1 Standard Control Panel Dimensions

System	NEMA	Height (in.)	Width (in.)	Depth (in.)
14	1	8	6	4
		10	8	4
	12	10	8	4
44	1	10	8	4
		10	8	4
	12	10	5	5