Electric Surface Mounted/High Temperature Limit Control Thermostats





141-0522 Electric Surface Mounted Thermostat. 141-0530 Electric High Temperature Limit Control Thermostat.

Description

The 141 Electric Surface Mount Thermostats are single setpoint electric thermostats for high or low limit control; surface mounted or duct mounted models available.

Features

Electric Surface Mounted Thermostat

- · Can be mounted horizontally, vertically or at an angle.
- · Visual setpoint indication through cover

Electric High Temperature Limit Control Thermostat

- · Liquid-filled, rigid bulb sensing unit
- Adjustable high temperature limit stop
- Manual reset to close contacts

Applications

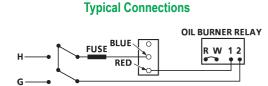
141 Surface Mounted Thermostat

The 141 Surface Mounted Thermostat is ideal as a low or high limit control on unit heaters. Also can be used as a convector or fan coil changeover control for automatically selecting the heating or cooling function based on water temperature.

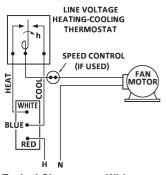
141 Electric High Temperature Thermostat

The 141 Electric High Temperature Thermostat is normally located in a duct system and wired to shut down air conditioning or ventilating fans when the air temperature exceeds $125^{\circ}F$ ($52^{\circ}C$), which would occur during a fire.

This thermostat can also be used as a high limit control for a warm air system when a "lockout" type control is desired or required by code.



Typical High Limit Wiring.



Typical Changeover Wiring.

Specifications/Product Ordering

Part No. 141-0522

Setpoint Range	50 to 150°F (10 to 65°C)
Maximum Bulb Temperature	240°F (116°C)
Switch Action	SPDT
Electrical Ratings	
Motor Rating	
	3.7 FLA @ 240 Vac
Locked Rotor	
	22.2 A @ 240 Vac
Cover Finish	Gray Baked Enamel
Dimensions	2.30" W x 5.38" H x 1.84" D
	(58 mm W x 173 mm H x 47 mm D)
Shipping Weight	2.0 lb. (0.9 kg)

Part No. 141-0530

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Setpoint Range	25 to 215°F (-4 to +102°C)
Switch Action	SPST, open-on-rise
Factory Temperature Setting	125°F (52°C)
Electrical Ratings	
Motor Rating	10 FLA @ 120 Vac 6 FLA @ 240 Vac
Noninductive Rating	1 A @ 0.3 to 12 Vac 6 A @ 12-50 Vac
Agency Approvals	UL MP3487
	CSA LR6246
Cover Finish	Gray Baked Enamel
Dimensions	2.94" W x 5.38 H x 2.5" D
	(59 mm W x 136 mm H x 64 mm D)
Shipping Weight	1.8 lb. (0.82 kg)

Description	Part No.	
Surface Mounted	141-0522	
High Temperature Limit Duct Mount	141-0530	

Accessories & Service Kits A-91

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