



Series
M-51

Bi-Metal Air Temperature Switches

Double Adjustable, Heavy Duty, Automatic Reset



FEATURES

- UL listed, CSA Certified.
- Automatic or Manual reset.
- SPST mercury switch (SPDT switches available).
- Visible dial shows duct temperature.
- Two adjustments: one sets high temperature set point, the other sets low temperature reset.

SPECIFICATIONS

Service: Compatible gases.

Temperature Limit: Process: range maximum, Ambient: 180°F (82°C).

Enclosure Rating: General purpose.

Switch Type: SPST mercury switch. Optional SPDT.

Electrical Rating: 10A @ 120 VAC/DC, 5A @ 240 VAC/DC. 3/4 HP @ 120/240 VAC single phase, 1/3 HP @ 120/240 VDC.

Electrical Connections: Screw terminal.

Conduit Connection: 7/8" (22.23 mm) hole for 1/2" (12.7 mm) conduit hub.

Process Connection: Mounting flange. Reversible for flat or curved surfaces.

Mounting Orientation: Horizontal and level.

Set Point Adjustment: Internal moveable pointers for set point and reset point.

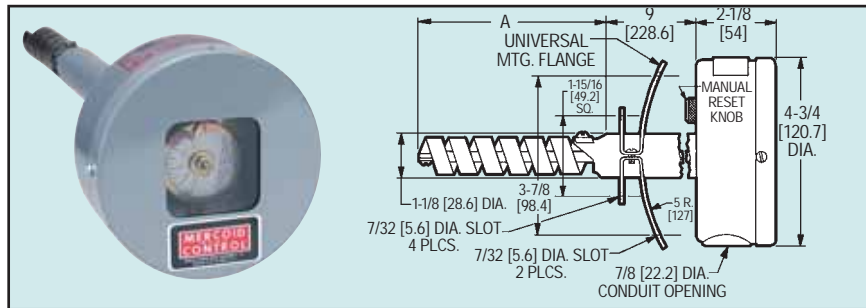
Weight: 5 lb (2.27 kg).

Deadband: Adjustable from minimum in model chart to full range.

Set Point Scale: Indication in °F standard. °C optional.

Options: SPDT and DPST switches. Switch that closes on temperature increase.

Agency Approvals: UL and CSA. FM only on models M-51R-74 and MX-51R-75.



Designed for use as a limit switch, fan control, or alarm switch, Model M-51 is used on all types of air conditioning ducts, furnaces, ovens, dryers, etc. Unit may also be used with damper control system to prevent spread of fire through ducts. Adjustments for both set and reset points. Visible dial shows duct temperature and switch set points.

MODELS

Model Number	Switch Action on Temp. Rise	Range °F (°C)	Minimum Deadband °F(°C)	Dim. A Insertion Length	Switch Reset
M-51-71	Opens	25 to 125 (-4 to 52)	12 (7)	5" (136)	Automatic
M-51R-71	Opens	25 to 125 (-4 to 52)	12 (7)	5" (136)	Manual
M-51-74	Opens	50 to 500 (10 to 260)	20 (11)	4" (111)	Automatic
M-51R-74	Opens	50 to 500 (10 to 260)	20 (11)	4" (111)	Manual
MX-51-75	Opens	50 to 650 (10 to 343)	20 (11)	4" (111)	Automatic
MX-51R-75	Opens	50 to 650 (10 to 343)	20 (11)	4" (111)	Manual