

Calibration note: Suitable min and max heating flows must be selected in order to maintain flow through energized electric coils of at least 200 fpm and at least 70 cfm/kW throughout the entire operating range.

Sequence of Operation -- Heat/cool changeover OR cooling with reheat - Pressure Dependent

On power up the damper will calibrate closed for 2 minutes.

Cool supply air: On an increase in space temperature the controller regulates the actuator to open the air damper and increase the flow of cool air. On an increase of space temperature greater than the cooling proportional band, the damper position (%) is maintained at its pre-selected maximum setting. On a decrease in space temperature the controller regulates the actuator to close the air damper and reduce the flow of cool air. If the space temperature decreases to less than the cooling proportional band, the damper position (%) is maintained at the pre-selected minimum setting.

Warm supply air: On a decrease in space temperature the controller regulates the actuator to open the air damper and increase the flow of warm air. On a decrease of space temperature greater than the heating proportional band, the damper position (%) is maintained at its pre-selected maximum setting. On an increase in space temperature the controller regulates the actuator to close the air damper and reduce the flow of warm air. If the space temperature increases above the heating proportional band, the damper position (%) is maintained at the pre-selected minimum setting.

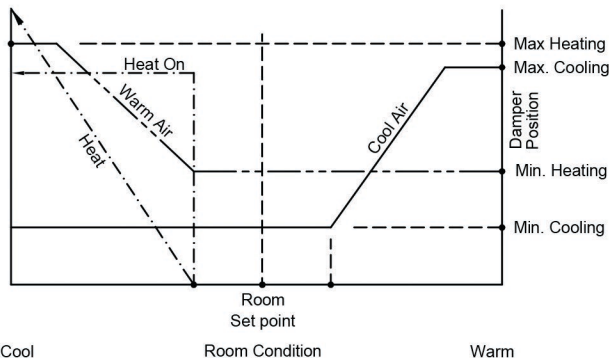
Reheat Operation: On a decrease in space temperature, the controller will turn on a 24VAC binary output and modulate a 0-10VDC output to increase heat proportionally to the room demand.

Visit disio.io/setup for free DISIO Setup Software compatible with Windows.

LEGEND

- FACTORY ELECTRICAL WIRING
- - - - - FIELD ELECTRICAL WIRING

CONTROL GRAPH



PROJECT:

ENGINEER:

CUSTOMER:

SUBMITTAL DATE:

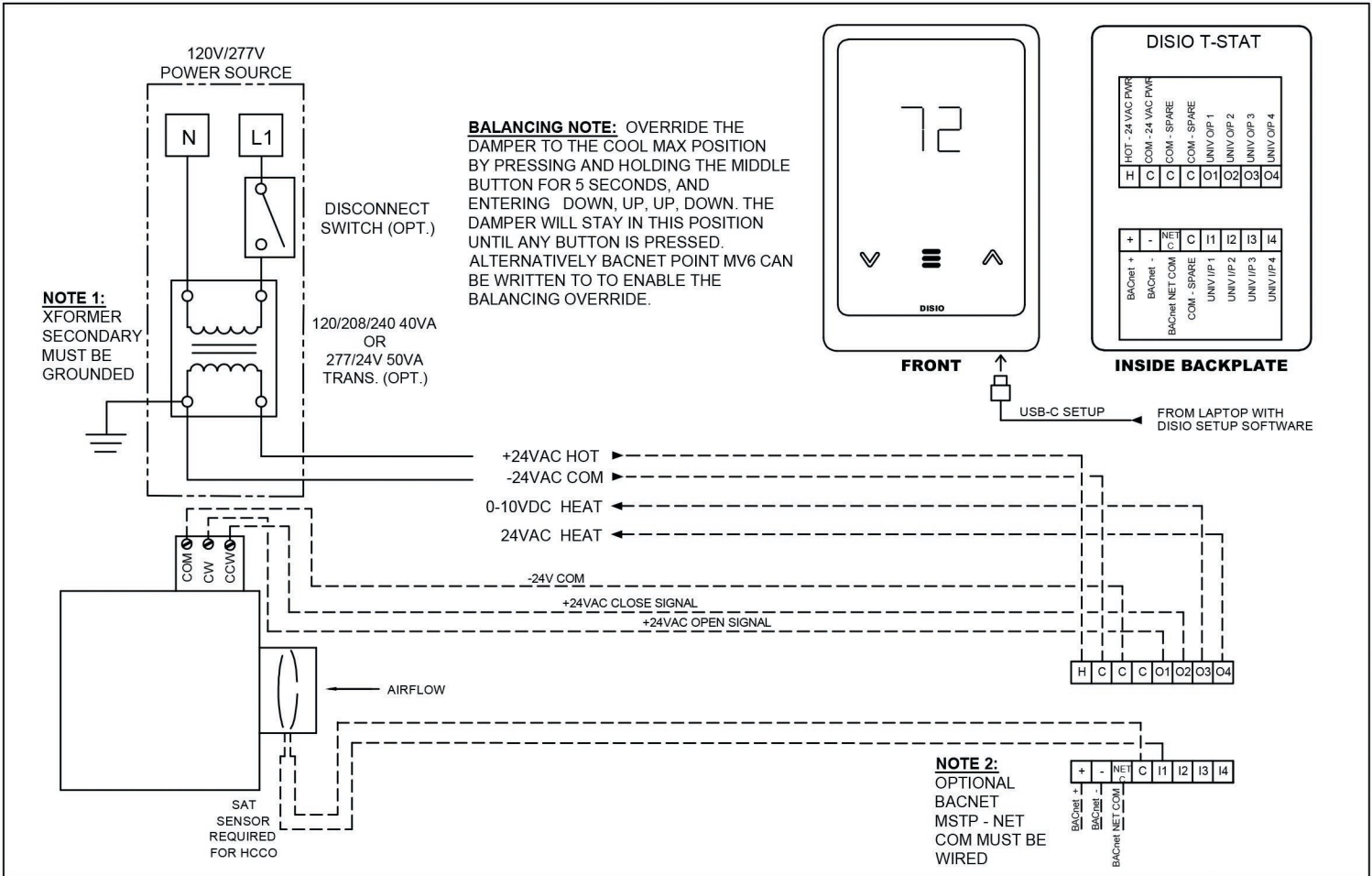
SPEC. SYMBOL:

PRICE[®]

**LGB CONTROLS
DISIO DISPLAY**
LINEAR GATE BYPASS
WITH HCCO
AND OPTIONAL REHEAT

273789

2023/03/14

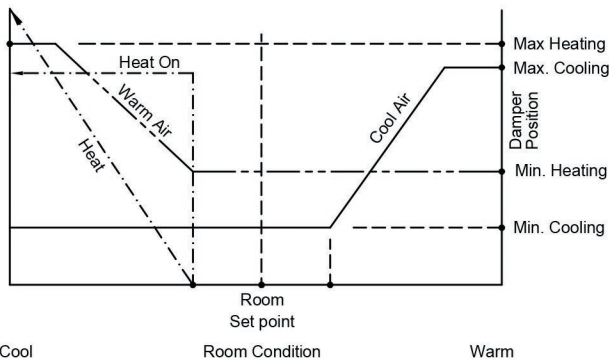


Calibration note: Suitable min and max heating flows must be selected in order to maintain flow through energized electric coils of at least 200 fpm and at least 70 cfm/kW throughout the entire operating range.

LEGEND

- FACTORY ELECTRICAL WIRING
- - - - - FIELD ELECTRICAL WIRING

CONTROL GRAPH



**Sequence of Operation -- Heat/cool changeover OR cooling
With Analog modulating reheat - Pressure Dependent**

On power up the damper will calibrate closed for 2 minutes.

Cool supply air: On an increase in space temperature the controller regulates the actuator to open the air damper and increase the flow of cool air. On an increase of space temperature greater than the cooling proportional band, the damper position (%) is maintained at its pre-selected maximum setting. On a decrease in space temperature the controller regulates the actuator to close the air damper and reduce the flow of cool air. If the space temperature decreases to less than the cooling proportional band, the damper position (%) is maintained at the pre-selected minimum setting.

Warm supply air: On a decrease in space temperature the controller regulates the actuator to open the air damper and increase the flow of warm air. On a decrease of space temperature greater than the heating proportional band, the damper position (%) is maintained at its pre-selected maximum setting. On an increase in space temperature the controller regulates the actuator to close the air damper and reduce the flow of warm air. If the space temperature increases above the heating proportional band, the damper position (%) is maintained at the pre-selected minimum setting.

Reheat Operation: On a decrease in space temperature, the controller will turn on a 24VAC binary output and modulate a 0-10VDC output to increase heat proportionally to the room demand.

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PROJECT:

ENGINEER:

CUSTOMER:

SUBMITTAL DATE:

SPEC. SYMBOL:

FB MD
273790
2023/03/14



**PRESSURE DEPENDENT
TERMINAL - DISIO DISPLAY**
PRESSURE DEPENDENT DAMPER
CONTROL WITH HCCO
AND OPTIONAL REHEAT