Table 2: Commissioning Menu - Flow (Continued)

Menu Option	Description	Range
Unoccupied Heating Min Flow	Sets the minimum supply air flow of the VAV box when in unoccupied heating and heating mode.	Adjustable: 0 to 1,000 cfm
Warmup Min Flow	Displays the minimum flow to the VAV box during morning warmup.	Adjustable: 0 to 1,000 cfm
Staged Reheat Min Flow	Sets the minimum heating flow for staged reheat control.	Adjustable: 0 to 1,000 cfm

Manufacturer Damper Data

Table 3: Manufacturer Damper Data

Manufacturer	Default Direction to Close
ETI	Clockwise
Kruger	Counterclockwise
Titus	Counterclockwise
Tuttle and Bailey	Counterclockwise

Additional Information

Refer to the *Verasys System Operation Overview Technical Bulletin (LIT-12012370)* for more information on the various sequences performed by adjusting the control parameters.

For additional information about Verasys, use the QR code or visit www.verasyscontrols.com.

24-10143-1418, Rev. -

(barcode for factory use only)
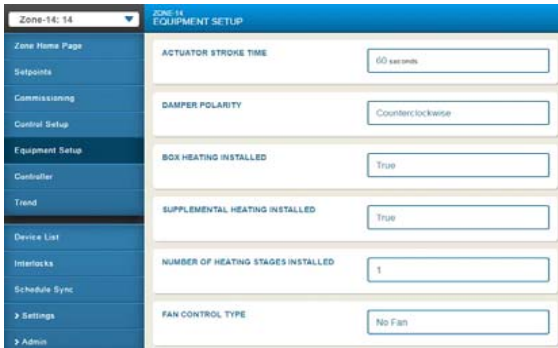
VERASYS™

SMART EQUIPMENT

VERASYS™

ZEC410 VAV Controller
QUICK START GUIDE

Johnson Controls

This guide provides you with the minimum configuration requirements that you need to quickly bring the system communication and controls online with the Smart Building Hub (SBH).

Equipment Setup Menu

Table 1: Equipment Setup Menu

Menu Option	Description	Range
Damper Polarity	Sets the direction to close the zone damper.	Adjustable: clockwise/counterclockwise
Box Heating Installed	When set to True, the controller uses the outputs to control the heat in the VAV box.	Adjustable: True, False *Note: Model ZEC410-1 controls staged heat, model ZEC410-2 controls floating or incremental heat, and model ZEC410-3 controls proportional heat.*

Table 1: Equipment Setup Menu (Continued)

Menu Option	Description	Range
Supplemental Heating Installed	When set to True, the controller uses the outputs to control the supplemental heat in the space.	Adjustable: True, False *Note: Model ZEC410-1 controls staged heat, model ZEC410-2 controls floating or incremental heat, and model ZEC410-3 controls proportional heat.*

Commissioning Menu - Flow
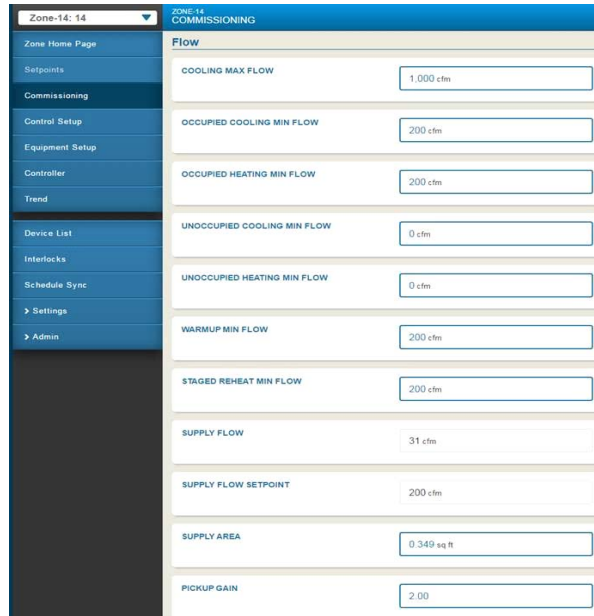
Table 2: Commissioning Menu - Flow

Menu Option	Description	Range
Cooling Maximum Flow	Sets the maximum supply air flow of the VAV box when cooling.	Adjustable: 0 to 10,000 cfm
Occupied Cooling Min Flow	Sets the minimum supply air flow of the VAV box when cooling.	Adjustable: 0 to 10,000 cfm
Occupied Heating Min Flow	Sets the minimum supply air flow of the VAV box when heating.	Adjustable: 0 to 10,000 cfm *Note: When the zone is heating, the supply airflow is constant and there is no maximum heating airflow.*
Supply Area	The supply inlet area used to calculate the supply flow.	Adjustable: 0 to 8.0 sq. ft.
Pickup Gain	Shows the K factor for the box. This parameter calibrates the flow.	Adjustable: True/False
Unoccupied Cooling Min Flow	Sets the minimum supply air flow of the VAV box when in unoccupied cooling and unoccupied mode.	Adjustable: 0 to 1,000 cfm