



Manufacturer of **energy meters** and **controllers** for automation and HVAC.

MA-VAV

CLIMATE



MA-VAV

IP-based variable air volume (VAV) DDC controller

Easy integration

MA-VAV is a dedicated controller for VAV systems that is easy to install and commission. It comes with pre-programmed, embedded algorithms that can be easily configured by the user.

Features

Comes with an integrated zero-drift differential pressure sensor for air flow measurement. Supports real-time clock and calendar with weekly schedule. Can be used with a remote display for user interface.

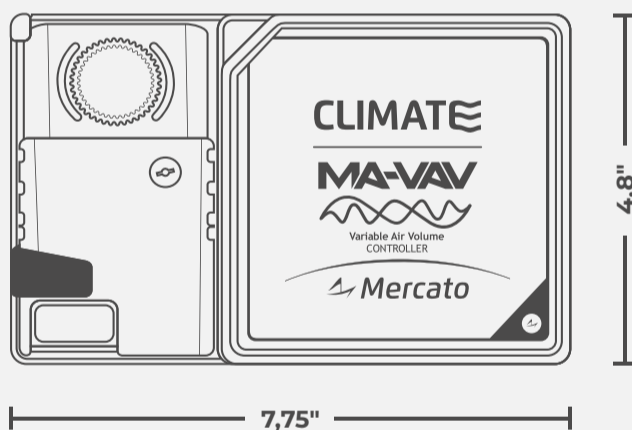
Versatile and adjustable

Supports cooling and heating controls, with terminal re-heating option and changeover mode. Configuration can be done by internal webserver, using any standard web browser.

Multi-protocol

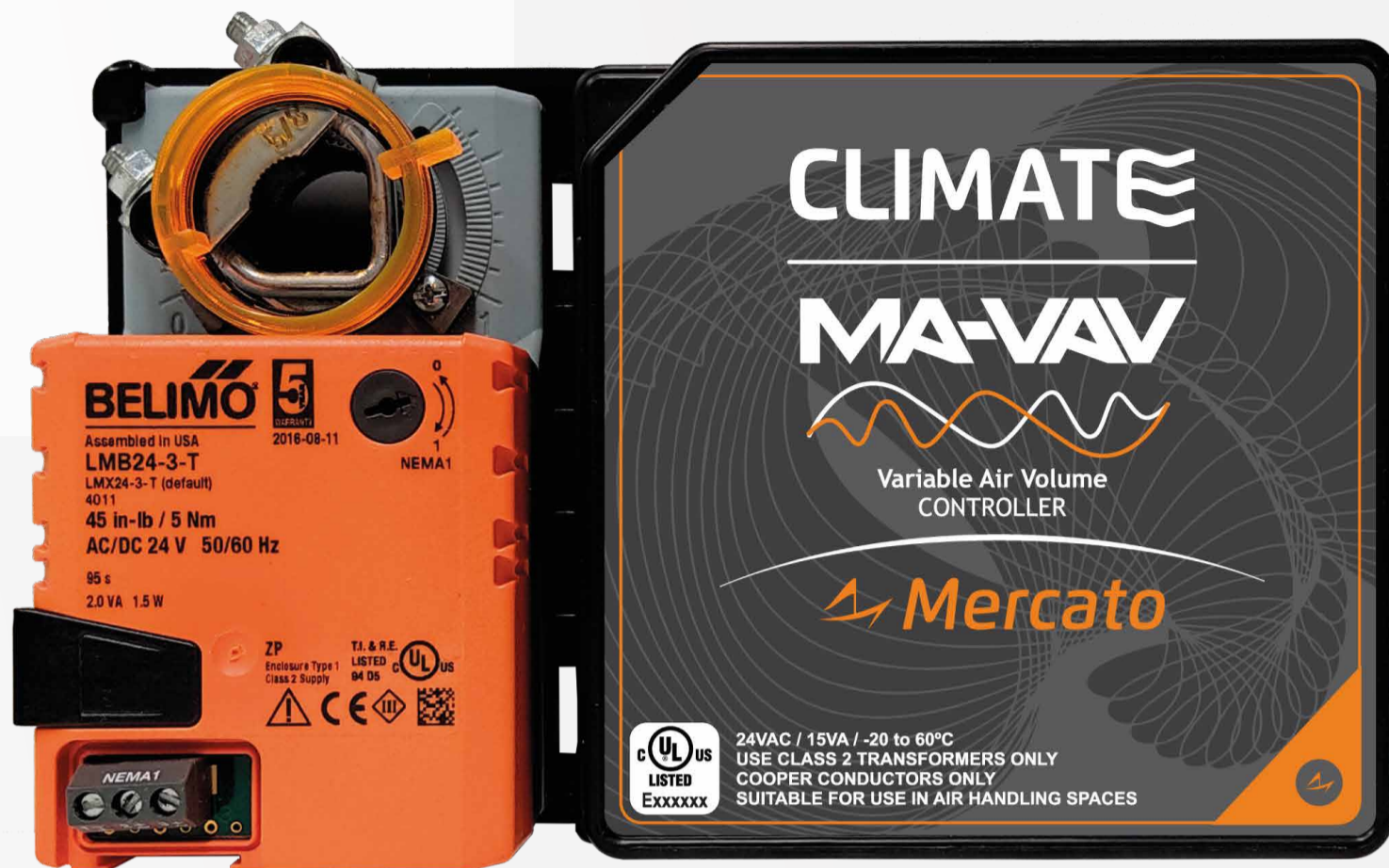
MA-VAV has a serial RS485 port and optional IP ports, supporting both BACnet and Modbus communication protocols for easier integration with Building Management Systems (BMS).

Dimensions:



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FEATURES

Power Supply	24 VAC \pm 20%, 50/60 Hz
Inputs	4x universal inputs - digital, NTC 10k type II and type III, voltage (0-10V or 2-10V) or current (0-20mA or 4-20mA)
Digital Outputs	2x relay digital outputs
Analog Output	2x analog outputs, voltage (0-10V or 2-10V) or current (0-20mA or 4-20mA), software selectable
Communication protocols	BACnet and Modbus protocols
Communication interfaces	1x isolated serial RS485 port 2x ethernet ports (10/100M) for daisy chain installations
Battery-maintained RTC	Real-time clock maintained by supercapacitor (no maintenance).
Configuration via webserver	Easy configuration and setup using internal webserver (ETH model exclusive)
Pressure sensor	Range: -500 Pa to 500 Pa (-2 to 2 inH2O) Accuracy: 3% of reading
Display	Optional remote display for user interface
Mounting fixation	Screws – Mounted directly on VAV box.
Dimensions	7,75" (197 mm) L x 4,80" (122 mm) D x 2,36" (60 mm) H
Certifications	UL60730 and UL2043

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