

FMS-1655L Room Pressure Controller Data Sheet



FMS-1655L with Safety Halo™

Triatek's FMS-1655L Room Pressure Controller features the innovative Safety Halo™ edge lighting that enables users to instantly monitor critical environments down long hospital or laboratory hallways.

The FMS-1655L also features a user-friendly, modern touchscreen that simultaneously displays room pressure, humidity, temperature, and alarm status. Users can control up to four different spaces with a single unit. It is available in surface mount, or the sleek stainless steel flush mount for busy hallways.

This highly sensitive instrument has a pressure/flow resolution to 0.0001" wc for maximum safety. The FMS-1655L instantly updates as conditions change, and communicates alarms both visually and audibly.

Its flexible design includes four analog, four digital inputs, and four relay outputs to allow for a variety of configuration options.

FEATURES INCLUDE

- LonWorks® native
- Full-color, user-friendly touchscreen
- Available in surface or flush mount
- Intuitive control menus, easy to set up
- Safety Halo™ edge lighting for 180° visibility
- Password protection with four access levels
- Pressure control or volumetric offset control
- Ability to simultaneously report room status, pressure, and room conditions
- Audible and visual alarms
- Non-volatile memory

FMS-1655L

Room Pressure Controller

Data Sheet

FMS-1655L Specifications	
Pressure Range	±0.2500" wc
Alarm Range	±0.2500" wc
Display Range	±0.2500" wc
Accuracy	±0.5% FS
Air Flow Sensor	Digital differential pressure
Control Resolution	±0.0010" wc
Analog Inputs	4 universal (4-20mA, 0-5Vdc, 0-10Vdc)
Analog Outputs	4 universal (4-20mA, 0-5Vdc, 0-10Vdc)
Communication Protocols	LonWorks® FTT-10A
Operating Temperature	32° to 125° F operating
Operating Humidity	10-95% relative humidity, non-condensing
Exterior Dimensions	Brushed stainless steel flush mount housing: 5.6" W x 8.5" H x 1.9" D
	Brushed stainless steel thin mount housing: 5.6" W x 8.5" H x 0.75" D
	Plastic surface mount housing: 3" W x 5" H x 1.13" D
Mounting Styles	Flush, thin, or surface
Agency Listings	SGS Listing FCC Part 15, ICES-003
Power Requirements	24Vac ±10%, 30VA
Password Protection	Up to 10 user passwords with 4 access levels
Display	18-bit (262K) color TFT, 3.2" diagonal, resistive touchscreen, 2500 cd/m2
Alarm Indication	Safety Halo™ 180° visual indication Industry standard status colors with action icons
Alarm Silence	Touchscreen, auto-reset

Product specifications are subject to change without notice. Triatek is a registered trademark of Triatek LLC.



Part Number Guide

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Case Style
T = thin (flush)
S = surface

of Remote Sensors
1 = single sensor
2 = dual sensor



Color-coded screens immediately alert users of the room status



Sleek stainless steel flush mount, perfect for busy hallways



The flush mount option is also available in thin mount for shallow wall cavities

