



# SUBMITTAL DATA - CONTROLS

## V0CTRL86P-2

### VRF, MINI-VRF, AND MINI-SPLIT

Job: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Schedule No.: \_\_\_\_\_  
 System Designation: \_\_\_\_\_

Engineer: \_\_\_\_\_  
 Architect: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 For: Reference Approval Review Construction

## BACnet Gateway

### FEATURES AND FUNCTIONS

- Communicates with building automation systems that support the BACnet IP protocol
- Supports up to 96 VRF or Mini-VRF outdoor units and 256 indoor units per device
- Supports up to 24 VRF or Mini-VRF outdoor units and 64 indoor units per bus
- Pluggable screw terminals for four communication ports
- RJ45 for BACnet
- Compatible with Lennox VRF, Mini-VRF, and Mini-Splits
- Compatible with IE, Firefox, Safari, and Chrome
- Refer to Installation and Application Guide for more details

### SPECIFICATIONS

#### PERFORMANCE

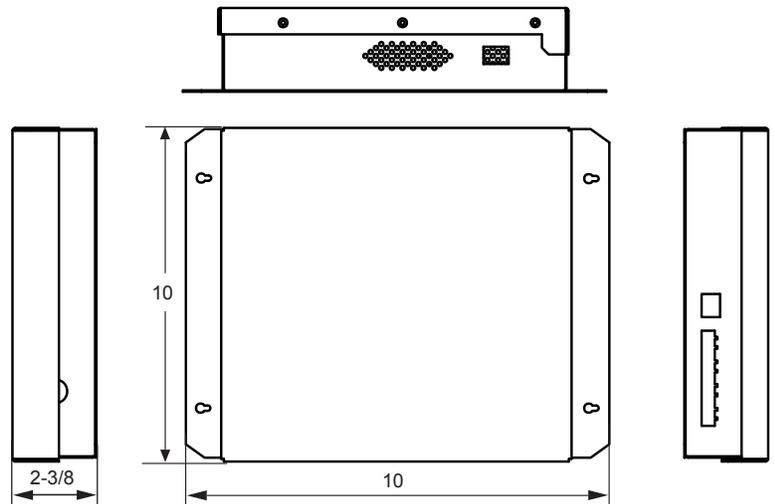
Input Voltage (V)	24VAC
Communication Cabling	18 AWG 3-conductor shielded cable
Ambient Temperature Range	32°F ~ 122°F
Ambient Humidity Range (RH)	25% ~ 90%
Maximum number of Indoor Units	256

#### DIMENSIONS

Unit Dimensions (in)	Height	2-3/8
	Width	10
	Depth	10



### DIMENSIONAL DRAWINGS



NOTE – Due to Lennox' ongoing commitment to quality, Specifications, Ratings and Dimensions subject to change without notice and without incurring liability. Improper installation, adjustment, alteration, service or maintenance can cause property damage or personal injury. Installation and service must be performed by a qualified installer and servicing agency.



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#### VRF, MINI-VRF, AND MINI-SPLIT

#### MONITORING AND CONTROL POINTS

	Function	Description	Type <sup>*3</sup>
<b>Indoor Unit <sup>*2</sup></b>	Mode	Set the Mode (Auto, Cool, Heat, Dry, Fan, Stop)	C
	Fan Speed	Set the Fan Speed (Auto, Very Low, Low, Medium, High)	C
	Setpoint	Set the Cooling or Heating Setpoint (°F)	C
	Room Temp	Monitor the Room Temperature (°F)	M
	Swing	Set the Louver to Oscillate	C
	Error Code	Monitor Error Codes	M
	Protection Code	Monitor the Protection Codes	M
	Mode Status	Monitor the Status of Mode (Auto, Cool, Heat, Dry, Fan, Stop)	M
	Fan Speed Status	Monitor the Status of Fan Speed (Auto, Very Low, Low, Medium, High)	M
	Setpoint Status	Monitor the Status of the Setpoint (°F)	M
	Lock Controller	Lock All Functions of Wireless Remote Controller V0STAT52P-1	C
	ON/OFF	Turn Indoor Unit ON or OFF	C
	All OFF	Turn All Indoor Units OFF	C
<b>Outdoor Unit <sup>*1</sup></b>	Mode	Cool, Heat, Stop	M
	Fan Speed Status	Monitor Fan speed (Low, Medium, High, Stop)	M
	Outdoor Temp	Monitor Outdoor Temperature (°F)	M
	Indoor Unit Quantity	Monitor the quantity of indoor units connected to the outdoor unit	M
	Compressor 1 Current	Monitor the current of Compressor 1	M
	Compressor 2 Current	Monitor the current of Compressor 2	M
	Compressor 3 Current	Monitor the current of Compressor 3	M
	Error Code	Monitor Error Codes	M
Protection Code	Monitor the Protection Codes	M	

1. Indoor Unit control & monitoring points are the same for VRF and Mini-Split Indoor Units.
2. Outdoor Unit control & monitoring points are not available for Mini-Split systems. -1P Mini-VRF systems require the Mini-VRF Control Interface, V0CTRL00P-1.
3. C represents a Control point; M represents a Monitoring point.