Job:	**Engineer:**
Location:	**Architect:**
Schedule No.:	**Location:**
System Designation:	**Date:**

For: ☐ Reference ☐ Approval ☐ Review ☐ Construction

VRF BACnet Gateway

FEATURES AND FUNCTIONS

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

SPECIFICATIONS

PERFORMANCE

Input Power	24VAC 50/60 Hz
Communication Cabling	18 AWG
Operating Environment (°F)	32°F - 104°F (0°C ~ 40°C)

DIMENSIONS

Unit Dimensions (in)		
	Height	4-1/2
	Width	7-1/2
	Depth	2-3/4
Weight (lb)		1.75

NOTES:

- The M0STAT120N-1P wired programmable controller and the BACnet gateway can be utilized with the Lennox mini-split ducted (MMDA/B), ceiling/floor (MCFA/B), and cassette (M22A/B, M33A/B/C) indoor units for set point control and monitoring. The M0STAT120N-1P will allow for synchronization with the BACnet gateway.

- The M0STAT120N-1P or the M0STAT64Q-2/1 wired programmable controller and the BACnet gateway can not be utilized simultaneously when using a Lennox mini-split wall-mount (MWMA/B/C, 3WMB/C, MWHA/B, MWCA/B).

- The M0STAT120L-1P wired non-programmable controller and the BACnet gateway can be utilized with a Lennox mini-split wall-mount (MWMA/B/C, MWHA/B, MWCA/B), but will only provide monitoring of the points related to the wall-mount. The M0STAT120L-1P does not support synchronization with the BACnet gateway.

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.   495748 (202405)   ©2024 Lennox Industries Inc.

MONITORING AND CONTROL POINTS

	Function	Description	Type
Indoor	Mode	Set Auto, Cool, Heat, Dry, Fan, Stop Mode	C/M
	Fan Speed	Set Auto, Very Low, Low, Medium, High Fan Speed	C/M
	Setpoint	Set the Cooling or Heating Setpoint (C/F)	C/M
	Setpoint	Set/Monitor the Cooling Setpoint (C/F) for Auto Mode	C/M
	Setpoint	Set/Monitor the Heating Setpoint (C/F) for Auto Mode	C/M
	Room Temp	Monitor the Room Temperature (C)	M
	Error / Protection Code	Monitor the Protection Codes	M
	Lock Controller	Lock all functions of Wireless Remote Controller V0STAT52P-1	C/M
	Lock Controller	Lock all functions of Wired Controller (Non-Programmable and Programmable)	C/M
	Lock Controller	Lock the mode	C/M
	Lock Controller	Lock the fan speed	C/M
	ON/OFF	Turn indoor unit ON or OFF; single indoor unit	C/M
	Setpoint Limits	Lock the lower limit for Cooling (C/F)	C/M
	Setpoint Limits	Lock the upper limit for heating (C/F)	C/M
	EXV	EXV opening	M
	IDU Firmware Version	IDU firmware version	M
	IDU Type	IDU type	M
	IDU Capacity	IDU capacity	M
Outdoor	Emergency Stop	Emergency Stop	C
	Mode	Cool, Heat, Stop	M
	Mode Status	ON/OFF status	M
	Fan Speed	Fan 1 speed	M
	Fan Speed	Fan 2 speed	M
	Outdoor Temp	Monitor outdoor temperature (C/F)	M
	Compressor Speed	Monitor speed of Compressor 1	M
	Compressor Speed	Monitor speed of Compressor 2	M
	Temp. Sensor	T3 (C/F)	M
	Temp. Sensor	T3B (C/F)	M
	Temp. Sensor	Compressor 1 discharge temp. (C/F)	M
	Temp. Sensor	Compressor 2 discharge temp. (C/F)	M
	EXV	EXV1 opening	M
	EXV	EXV2 opening	M
	Pressure	Compressor high pressure	M
	Pressure	Compressor low pressure	M
	Solenoid Valve	SV2	M
	Solenoid Valve	SV4	M
	4-Way Valve	ST1	M
	4-Way Valve	ST2	M
	ODU Firmware Version	ODU firmware version	M
	ODU Type	ODU type	M
	ODU Capacity	ODU capacity	M
	Current Error Code	Current protection code	M