

SUBMITTAL DATA

GMVGMS-GW12 for use with Mini Split Systems

Job Name

Location

Date

Purchaser

Engineer

Submitted to

For

Unit Designation

Schedule No.



GMVGMS-GW12

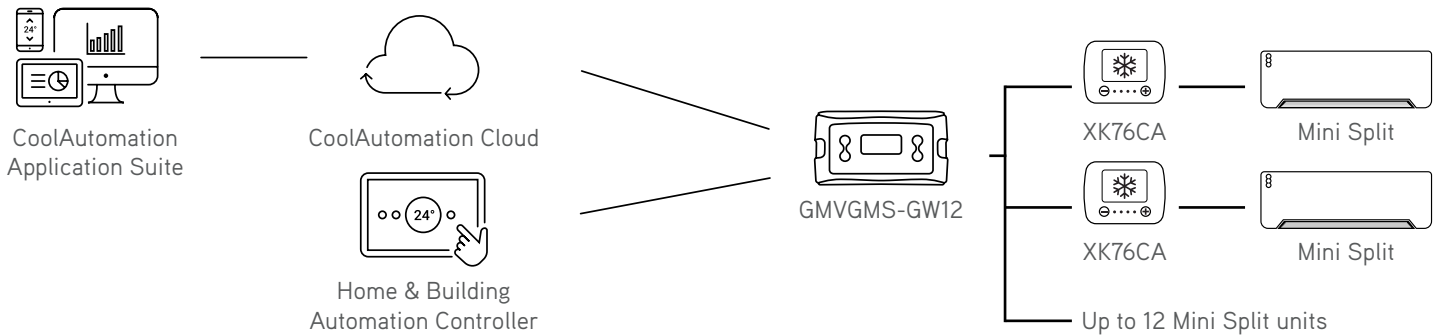
GENERAL FEATURES

- **XK76CA** kit is Required for Each Mini Split Indoor Unit to Communicate With the Cool Automation Interface GMVGMS-GW12 and the kit needs to be ordered separately.
- **XK76CA** kit includes XK76 wired controller and 2 wiring harnesses.
- Supports Up to 12 Mini Split Systems
- Real Time Control & Monitoring of Mini Split System Operation and Status
- BACnet / Modbus Integration With Building Management Systems (BMS)
- Intuitive and Simple Device Configurations Through Back-lit LCD Display
- Small Size and Magnetic Mounting for Portable Installation
- Monitor Systems' Technical Data for Advanced Monitoring
- Remote Access to CoolAutomation Professional Application Packages (Additional License)
- Remote Access via Smart Phone, Tablet or PC by Using the CoolAutomation Cloud-based Control Application (Additional License)

SPECIFICATIONS & CONNECTIVITY

SPECIFICATIONS	GMVGMS-GW12	
Power supply	Min load	5VDC/60mA (via mini USB); 12VDC/35mA; 24VDC/20mA
	Max load	5VDC/100mA (via mini USB); 12VDC/70mA; 24VDC/40mA
Mounting	Magnet	
Operating conditions	Ambient temperature	14°F - 140°F
	Humidity	0 % - 96% non-condensing
Storage conditions	Ambient temperature	-4°F - 158°F
	Humidity	0 % - 98 % non-condensing
Dimension (in)	H x W x D	2.56 x 4.50 x 1.22
LCD	Size / Color / Interface	2 x 8 / grey / HD44780
Communication functions	Direct Gree unit connection	Connection to the GREE Mini Split units over RS485 interface
	MODBUS RTU	RS-485 communication line
	Ethernet	100 Mbps
	BACnet MSTP	RS-485 communication line
	USB Device	12 Mbps
Maximum PBU wiring length (ft)	3280/1000 (2 Conductor 20-22 Awg Shielded Twisted Pair Cable)	
Maximal allowable wiring length (to BMS) over RS485 (ft)	3300	
Maximal allowable wiring length (to router) over Ethernet (ft)	450	
Control & Monitoring	Setpoint, On/Off, Fan Speed, Operation Mode, Louver Position, Error codes, Room temperature, setpoint range, Lock/unlock (specific models) Local Controller functions	
Advanced technical monitoring (model dependent)	Outdoor Temperature, Evaporation Temperature, compressor status, defrost, more	
Maximum connected units	12	

CONNECTIVITY



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