

SAMSUNG

Submittal Data

MWR-WG01UN

Advanced Wired Controller

Job name: _____

Purchaser: _____

Submitted to: _____

Unit designation: _____

Location: _____

Engineer: _____

Reference ☐ Approval ☐ Construction ☐

Schedule #: _____

Features

Easy Indoor Unit Control**

- Air handler operation ON/OFF
- Air handler operation mode, set temperature, air flow direction, fan speed
- Discharge air temperature setting (for supported indoor unit models)
- Filter replacement alarm display and reset
- Time synchronization with supported Samsung central controllers
- Dual Set Temperature (for supported indoor unit models)
- Advanced HP auto changeover control and configuration
- Quiet and sleep modes
- Freeze Wash activation
- Error display (up to 10 error codes with descriptions)
- Supports enabling indoor unit AP mode for connecting integral indoor unit Wi-Fi adapter to SmartThings, and turning indoor unit Wi-Fi connection ON/OFF, indoor unit Wi-Fi information reset, and Wi-Fi adapter reset.

Energy Saving Operation

- Upper/lower temperature restriction setting
- Occupied/unoccupied settings
- Setback function
- Energy saving operation mode
- Energy consumption monitoring and daily, weekly, monthly, and yearly energy consumption trending (for supported systems)
- Maximum current control (for supported outdoor unit models).

Weekly Operating Schedule

- Weekly operating schedule
- Set desired A/C operation mode, setting temperature and fan speed to operate based on weekly schedules
- Schedule exception day option

Other Features**

- Emergency heat/auxiliary heat operation indication on display (for supported outdoor unit models)
- Color display screen
- Different button permission levels
- Supports multiple languages
- Partial button lock options (operation on/off, heat mode, cool mode, fan mode, dry mode, auto mode, set temperature, fan speed, scheduling, Wind-Free, Long-wind, quiet mode, and sleep mode buttons can be locked individually).
- Daylight savings clock advance option
- Temperature limit setting option
- Real-time clock function
- Built-in IR receiver for indoor unit control using a wireless controller and integral room temperature sensor
- Indoor unit operation state display
- Indoor unit service mode support
- Micro SD card slot for simple firmware updating
- Independent louver control for cassette units



- Airflow direction control for 360 Cassette indoor units.
- Adjustable heating temperature compensation values
- WindFree™** Control
- MDS (Motion Detection Sensor) Indirect/Direct Control (for supported indoor units, accessory may be required).
- Long Reach Function (for supported indoor unit models)
- Automatic air volume enable and status viewing (for supported indoor unit models).

Specifications

- Compatible with DVM S Systems (AM*****AA, MCM-D211UN), DVM Chiller FCU Kits (MIM-F00N), single zone high-wall RAC systems (AR*****NCV), multi-zone FJM indoor units (AJ0***N*****AA), and single zone CAC indoor units (AC0***N*****AA).
- Supports A2L leak notification for indoor units/systems with A2L leak detection.
- Group control - Can connect and control up to 16 X R410A indoor units on a single system or across multiple systems. Group control is not supported for R32 systems. Refer to indoor unit installation manual for wiring and connection details.
- 2 Conductor connection
- DC 12V power supplied by indoor unit (consumption: 2W)
- PLC (power line communication) is done on F3/F4 terminals.
- Can sense temperature via internal sensor, temperature sensor inside indoor unit, or use the average temperature between controller and air handler temperature sensors
- Dimensions (W X H X D): 4 3/4" X 4 3/4" X 3/4"

*The WindFree™ unit delivers an air current that is under 0.15 m/s while in WindFree™ mode. Air velocity that is below 0.15 m/s is considered "still air" as defined by ASHRAE (American Society of Heating, Refrigerating, and Air Conditioning Engineers).

** Some features may not be available depending on the indoor unit model. Firmware upgrades may be required for certain features. Refer to supporting technical documents at www.SamsungHVAC.com.