Time Quick Start Guide for the QuadraReserve AHU-FMD Roomvu Relay Team Model

Read this entire guide before installing, wiring, or operating the unit. Failure to follow these instructions may result in equipment damage, fire, or personal injury.

IMPORTANT: Before installing, wiring, and/or the indoor unit

Step 1: Download Installation Manual

Download the installation manual from the official website: www.AHU-FMD.com/support

Alternatively, scan the QR code below to access the manual directly.

Step 2: Determine FMD Software — Not Auto

Determine the correct software version for your unit. Do not use auto-detect mode.

Refer to the model number label on the unit. The model number begins with AHU-FMD-. Use the table below to find your software version.

Important: If your unit does not match any listed model, contact technical support before proceeding. Do not attempt to configure the unit manually.

Wiring

- Use 18 AWG (1.0 mm²) or thicker wire for all low-voltage connections (thermostat, sensors, communication).
- Maximum wire length between the indoor unit and the outdoor unit: 1,000 ft (305 m).

Installation and Wiring

1. Install the indoor unit first. Mount it on a solid, level wall bracket. Allow at least 4 in (100 mm) of clearance on all sides for airflow and service.
2. Run refrigerant lines between the indoor and outdoor units. Insulate both the liquid line and the suction line. Do not kink or crush the lines.

(A) Front view — Indoor unit (B) Rear view — Outdoor unit

3. Connect the low-voltage wires between the indoor unit and the outdoor unit. Match the terminal labels (R, C, Y, G, W, etc.) on both units. Refer to the wiring diagram on page 12.