



## Samsung DVM S and Mini DVM S Eco System Training

Understanding proper unit placement, installation, connection, component selection and system requirements is extremely helpful and recommended to installing contractors and engineers.

### Four-Day Training

This course will provide an installing contractor or engineer with all the necessary information to design, layout, install and start Samsung DVM S and Mini DVM S Eco Systems.

- Jacco will pay for the class for up to three employees from the same company.  
-This NOT include accommodations (travel/hotel).

Training includes:

- Samsung service tool
- Training binder with all applicable training information

Classes are held once a month. To register, contact your sales representative or Brenda Homjak at [brendah@jacco.com](mailto:brendah@jacco.com).

### Day 1: Product Overview (1-2 Hours In Office)

This session will cover all items ordered

#### Outdoor unit

#### Indoor unit

#### Controllers

#### Upper layer controllers

- TBACnet
- Central touch controller
- External contactors

#### MCU's/Header units

Features and benefits of each unit

Report generated in DVM Pro

**Units selected**

**Accessories**

**Piping diagram**

**Calculated charge**

Checklist/Quick Reference packet

**Importance of record keeping**

- Serial Numbers
- Locations
- MCU ports

**Piping length updates/changes**



## Day 2: Installation (1-2 Hours On Site)

This session will be hands-on covering:

**Equipment breakdown to access electrical and piping connections**

**Space requirements and restrictions**

**Wiring terminations at all units**

- Importance of shielding and where to ground
- F1/F2 terminals
- F3/F4 terminals
- Of1/Of2 condenser terminals
- R1/R2 condenser terminals

**Lower layer control/upper layer control wiring**

**Refrigeration piping practices**

- TNitrogen while brazing
- MCU piping
- Placement of ball valves
- Y-joints/Headers orientation
- Updates to piping lengths during install

**Condensate pumps and drains**

## Day 3: Installation Part 2 (1-2 Hours On Site)

This session extends piping practices and preparation for start up

**When to power on the system**

**Pressure test**

**Triple evacuation**

**Charging the system**

**Finalizing documentation of system using the checklist/Quick**

**Reference packet**

**Addressing IDU's and MCU's**

**Programming in the controllers**

- Celsius to Fahrenheit
- Time
- Schedules (if needed/available)
- Installation options in controller

**K Button Functions introduction**



## Day 4: Start-Up (1-2 Hours On Site)

This session will rely heavily on SNET and the tool involved to start-up the Samsung DVM System

Process of start-up

**"Up" code**

**What the start-up is checking**

- Sample start-up report generated by SNET

Editing addresses

Installation option for IDU

**01 String**

**02 String**

**05 String**

Installation options for ODU

**Ex: Low ambient hoods, quick operation, base pan heaters**

Editing IDU/ODU names

Recordings and locations of recordings

Report wizard

Registration process

Basic troubleshooting

**Where to find error codes**

**Error code history**

Pulling 30-minute recording prior to system error

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