

ASHRAE Global Training Center for Building Excellence

Gain In-Depth, Practical Knowledge to Succeed

VARIABLE REFRIGERANT FLOW SYSTEMS DESIGN AND APPLICATIONS (MENA)

ONLINE

October 18–19, 2022

3:00–6:00 pm (Beirut time)



The VRF training offered by the ASHRAE Global Training Center provides in-depth training of VRF technology, including equipment and system types, heating/cooling operation, heat recovery, and the benefits of variable refrigerant flow (VRF) systems customized for the Middle East & Northern Africa practitioners.

The training covers a review of ASHRAE Standard 15 “Safety Standard for Refrigeration Systems and Designation and Classification of Refrigerants,” the industry reference to ensure the safe design, construction, installation and operation of refrigeration and air conditioning systems by establishing specific safety requirements.

The course concludes with a focus on human comfort and sustainable design featuring example buildings, ventilation systems, and VRF system layouts.

Course Objectives:

- Provide overview of variable refrigerant flow (VRF) system technology, theory, and operation
- Discuss consideration for design and application of VRF systems in buildings
- Describe applicability of ASHRAE Standard 15, Safety Standard for Refrigeration Systems, requirements to VRF systems
- Review application of VRF systems in different building types