

# Variable Refrigerant Flow Multi-Split Air Conditioning and Heat Pump Equipment (VRF)

## Certification Program

AHRI's globally recognized and industry respected certification program helps manufacturers sell more products, win bids, and comply with government requirements. Certify products with AHRI and stand out from the crowd.



## Related Standard

Products in the VRF certification program are tested to AHRI Standard 1230, *Performance Rating of Variable Refrigerant Flow Multi-Split Air-Conditioning and Heat Pump Equipment*.

## Program Scope

This certification program applies to models of 50 and 60 Hz VRF multi-split systems and VRF heat recovery multi-split systems that meet the following criteria:

- Include multi-split, matched system air-conditioners and heat pumps irrespective of their type of electric power source, or secondary fluid (e.g. air-to-air or water-to-air).
- Use distributed refrigerant technology with cooling and heating capacities for Outdoor Units and Water Source Units from 12,000 Btu/h [3508 W] to 760,000 Btu/h [222,734 W] and indoor units from 5,000 Btu/h [1,462 W] to 144,000 Btu/h [42,202 W]. Each indoor unit is designed to condition a single zone.
- Consist of the following matched components: a) an Outdoor Unit with single or multiple compressors or variable capacity compressor; b) indoor units that have a coil, air movement device intended for single zone air distribution, and a temperature sensing control; and c) a zone temperature control device.

## Program Highlights

- Program participants based in North America and Asia
- Only program to test indoor evaporator units and outdoor condensing units, providing a more accurate reflection of the systems' performance
- Participants can certify ratings for VRF systems for all combinations of indoor units with specific outdoor units
- Related standard is the world's first performance rating standard for VRF equipment
- AHRI submits data for ENERGY STAR products at no additional cost or effort to participants
- AHRI reports data to the U.S. Department of Energy, the U.S. Federal Trade Commission, Natural Resources Canada, and the California Energy Commission for participants at no additional cost

Visit [www.ahridirectory.org](http://www.ahridirectory.org)

Contact  
[certification@ahrinet.org](mailto:certification@ahrinet.org)  
for more information.

In the Asia Pacific region, please contact  
**Bridge Xue** at [bxue@ahrinet.org](mailto:bxue@ahrinet.org) or 138 1043 2200.



The [AHRI Certification Program](#) is a voluntary program, administered and governed by the Air-Conditioning, Heating, and Refrigeration Institute (AHRI), which ensures that various types of heating, ventilation, air conditioning, refrigeration, and water heating products perform according to manufacturers' published claims. Products that are certified through the AHRI Product Performance Certification Program are continuously tested, at the direction of AHRI, by an independent third-party laboratory, contracted by AHRI, to determine the product's ability to conform to one or more product rating standards or specifications.