

Why VRF?

Keep your occupants saying "Ahhh."

Variable Refrigerant Flow (VRF) systems provide a single refrigerant circuit that connects multiple indoor units to one outdoor unit. Variable speed inverter technology which matches the load, allows for individual space control with improved humidity management in those units while minimizing your outdoor HVAC equipment footprint.

With heat recovery configurations, VRF also provides heating and cooling simultaneously in different zones, further enhancing energy savings and increasing occupant comfort.



More energy efficient and easier to design, install, and maintain, a VRF system has a lower life cycle cost compared to other systems on the market today.



LG has developed a whole suite of innovative features which provide operational and energy efficiencies for our VRF systems. These end-to-end solutions are perfectly suited for a number of commercial applications for a number of reasons, such as reducing system down time and the seamless integration of the LG MultiSITE™ controls platform.

Additionally, LG VRF systems incorporate a host of advanced features for superior efficiency including; Advanced Smart Load Control, Active Refrigerant Control, Variable Path Heat Exchanger, and Intelligent Heating. Considering that heating, ventilation, and air conditioning account for 35% of total building energy consumption, lowered operating costs can add up quickly.¹ And, LG VRF may also assist in qualifying for utility rebates savings.



Contact your LG Account Representative to learn more at lgprocomfort.com

¹ Energy.gov, Quadrennial Technology Review: An Assessment of Energy Technologies and Research Opportunities, <https://www.energy.gov/sites/prod/files/2017/03/f34/qtr-2015-chapter5.pdf>