

WHAT IS VRF?

A Variable Refrigerant Flow (VRF) system is a single refrigerant circuit that connects many indoor units to one outdoor unit. VRF is a superior way to heat and cool any space, providing improved humidity control, individual set points per indoor unit, and a very quiet comfort experience. In the heat recovery configuration, VRF also allows for heating and cooling simultaneously in different zones, further enhancing energy savings and increasing occupant comfort.

WHY MULTI V S?

The LG Multi V S systems lineup includes the industry's first single phase VRF 5-ton Heat Recovery system. Available in Heat Pump and Heat Recovery configurations, Multi V S is a compact yet powerful VRF solution for residential and light commercial applications. LG Multi V S utilizes single-phase power so it can be used residentially as well as in a wide range of commercial applications, offering overall increased flexibility and efficiency for property owners. For additional adaptability, the Multi V S units require little to no ductwork, resulting in smaller space requirements and allowing for higher ceilings, less structural impact and more usable square footage.



MAXIMIZED EFFICIENCY

Smart Load Control

Automatically adjusts operation requirements by sensing both indoor and outdoor conditions

Inverter Compressor

Allows the system to closely match compressor speed with demand, which translates to higher efficiency



OPTIMIZED COMFORT

Individual Zone Control

Allows for the user to control the space to the exact temperature desired

Quiet Operation

LG Multi V™ indoor units are among the quietest in the industry, with rated sound levels as low as 23 dB(A)



VERSATILE SOLUTIONS

Compact & Lightweight

Connect up to 12 indoor units to one system to heat and cool more zones with less outdoor space (less than 3.4 ft²)

Design Flexibility

Choose from a wide variety of indoor unit styles, both ducted and non-ducted, including the award-winning LG Art Cool™ Gallery



SUPERIOR PERFORMANCE

Powerful Heating
















Continuous heating down to -13°F

Heat Recovery

Heat and cool different areas simultaneously by taking heat rejected from one space in cooling mode and delivering it to a space that needs heating



INDOOR UNIT LINE-UP

Type		kBtu/h	5	7	9	12	15	18	24	28	30	36	42	48	54
Wall Mounted Unit	Art Cool™ Gallery 				9-12										
	Art Cool™ Mirror 		5-28												
	Standard 		5-28								30-36				
Ceiling Mounted Cassette	4-Way Cassette (2' x 2') 		5-18												
	4-Way Cassette (3' x 3') 			7-30								36-42		48-54	
	2-Way Cassette 								24-28						
	1-Way Cassette 			7-15				18-24							
Ceiling Concealed Ducted	High Static 			7-30								36-54			
	Low Static (Convertible) 			7-28											
	Low Static (Bottom Return) 			7-28											
Surface Mounted 				9-12											
Ceiling Suspended 								18-24							
Floor Standing	With Case 			7-28											
	Without Case 			7-28											
Outside Air Unit (OAU) 														48-54	

AHRI Certified, Variable Refrigerant Flow (VRF) Multi-Split AC and HP AHRI Standard 1230