

Benefits of Single-Zone **Duct-Free Split Four-Way** Ceiling Cassette Systems

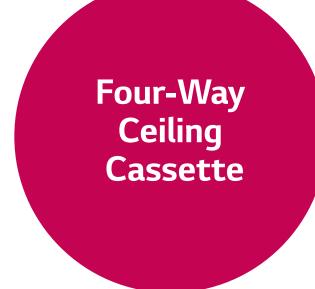
- Inverter technology
- Available in 18,000, 24,000, 36,000, 42,000 Btu/h capacities
- · All-season use—heat pump models for both cooling and heating capabilities
- Operating ranges for outdoor units of 5°F to 118°F (DB) for cooling; 0°F to 64°F (WB) for heating
- · Operating ranges for indoor units of 64°F to 86°F (WB) for cooling; 60°F to 86°F (DB) for heating
- Quiet operation inside and out



About LG Electronics, Inc.

LG Electronics, Inc. is a global leader and technology innovator in consumer electronics, mobile communications, and home appliances, employing more than 213,000 people in more than 60 countries worldwide. LG's commercial air conditioning business unit was established in 1968, and offers VRF, Multi F, duct-free split systems, packaged terminal air conditioners (PTACs), and room air conditioners.

With LG, it's all possible.™



Single-Zone Duct-Free System

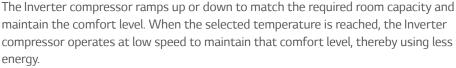
Duct-Free Split systems are comprised of two major components—indoor units and outdoor units—that are connected through refrigerant piping and power wiring / communications cable. These Inverter heat pump systems provide a smart alternative to both central HVAC and window-mounted air conditioners, and are available in a variety of configurations to suit different cooling and heating situations. Installation by a qualified HVAC contractor is safe and easy-little to no duct work or sheet metal is required.

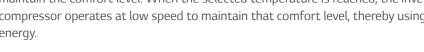
Four-Way Ceiling Cassette Systems

LG's Four-Way Ceiling Cassette systems offer customized comfort with many user-adjustable settings. The indoor unit case is ceiling recessed, while the off-white architectural grille (required; sold separately) is flush mounted, providing a clean look to the room. Four-Way Ceiling Cassette systems are available in nominal capacities of 1-1/2, 2, 3, and 3-1/2 tons. These systems are best suited in light commercial applications or large, open spaces. The ceiling cassette indoor unit is a useful alternative when wall space is limited.



Inverter variable-speed split systems are measurably quieter and consume less energy than conventional air conditioners.





Quality Commitment

LG is committed to the success of air-conditioning projects. We provide technical support during installation, and offer a variety of classes designed for installers and service providers. Classes are conducted at LG's training centers and in field locations at various times throughout the year and upon special request.





Four-Way Ceiling Cassette Single-Zone Duct-Free Split Systems

LC187HV

18,000 Btu/h Cooling 20,000 Btu/h Heating

IC247HV

24,000 Btu/h Cooling 27,000 Btu/h Heating



LC367HV

36,000 Btu/h Cooling 40,000 Btu/h Heating

LC427HV

42,000 Btu/h Cooling 47,000 Btu/h Heating





Features

- Inverter (Variable speed compressor)
- Gold Fin[™] anti-corrosion
- Swirl Wind
- Five (5) fan speeds
- · Night quiet operation
- Dehumidifying mode
- · Auto restart / changeover

- Built-in low ambient standard, down to 14°F (Cooling mode)
- 24-Hour on-off timer
- · Independent vane control
- Internal condensate pump included
- Includes handheld remote controller

Warranty: Five (5) years parts; seven (7) years compressor.

System Model Number		LC187HV	LC247HV	LC367HV	LC427HV
Indoor Unit Model Number		LCN187HV	LCN247HV	LCN367HV	LCN427HV
Outdoor Unit Model Number		LUU187HV	LUU247HV	LUU367HV	LUU427HV
Ceiling Grill Model Number (Sold Separately)		PT-UMC1	PT-UMC1	PT-UMC1	PT-UMC1
Rated Cooling Capacity (Btu/h)		18,000	24,000	36,000	42,000
Rated Heating Capacity (Btu/h)		20,000	27,000	40,000	47,000
EER		15.0	12.6	13.5	10.30
SEER		20.0	17.0	19.0	17.0
HSPF		10.1	9.7	9.5	8.6
Air Circulation	CFM (H/M/L)	565 / 494 / 424	600 / 530 / 459	1,060 / 989 / 918	1,060 / 989 / 918
Fan Speeds (Fan / Cooling / Heating)		4/5/4	4/5/4	4/5/4	4/5/4
Dehumidification	pts. / hr.	5.1	5.1	7.7	7.7
Thermostat Range	Cooling (°F WB)	64 - 86	64 - 86	64 - 86	64 - 86
	Heating (°F DB)	60 - 86	60 - 86	60 - 86	60 - 86
Indoor Unit Sound Pressure Levels	dB(A) (H / M / L)	38 / 36 / 34	38 / 36 / 34	46 / 44 /43	46 / 44 / 43
Outdoor Unit Sound Pressure Level	dB(A) (Cool / Heat)	48 / 52	48 / 52	52 / 54	52 / 54
Power Supply (Outdoor and Indoor, Phase / V / Hz)		1 / 208~230 / 60	1 / 208~230 / 60	1 / 208~230 / 60	1 / 208~230 / 60
Indoor Unit Dimensions					
WxHxD	in.	33-1/16 x 8-1/32 x 33-1/16	33-1/16 x 8-1/32 x 33-1/16	33-1/16 x 11-11/32 x 33-1/16	33-1/16 x 11-11/32 x 33-1/16
Net Unit Weight	lbs.	45.2	45.2	54.2	54.2
Outdoor Unit Dimensions					
WxHxD	in.	37-13/32 x 32-27/32 x 13	37-13/32 x 32-27/32 x 13	37-13/32 x 54-11/32 x 13	37-13/32 x 54-11/32 x 13
Net Unit Weight	lbs.	132.3	132.3	202.8	202.8