



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.™



Four-Way Ceiling Cassette

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 Technology

Inverter variable-speed split systems are measurably quieter and consume less energy than conventional air conditioners. The Inverter compressor ramps up or down to match the required room capacity and maintain the comfort level. When the selected temperature is reached, the Inverter compressor operates at low speed to maintain that comfort level, thereby using less energy.

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



LC247HV

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



Inverter



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					
W x H x D	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					
W x H x D	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

Due to our policy of continuous product innovation, some specifications may change without notification.

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