Job Name/Location: Tag #: For: File Resubmit Date: **Approval** Other_ PO No .: GC: Architect: Mech: Engr: Rep: (Project Manager) LC249HV Single Zone 3x3 Four-Way Ceiling Cassette Indoor Unit (IDU) - LCN249HV, Outdoor Unit (ODU) - LUU240HV Performance: **Operating Range:** Cooling: **Outdoor Unit: Cooling Capacity** Cooling (°F DB) 9,600 ~ 23,000 ~ 28,000 (Min~Rated~Max) (Btu/h) Heating (°F WB) 20 SEER2 EER2 11.7 Indoor Unit: SEER - Seasonal Energy Efficiency Ratio EER - Energy Efficiency Ratio Cooling (°F WB) Heating: Heating (°F DB) **Heating Capacity System Data:** 10,800 ~ 27,000 ~ 30,000 (Min~Rated~Max) (Btu/h) HSPF2 Refrigerant Type 10.2 Max. Heating @ Indoor 70°F DB Refrigerant Control 26,000 Outdoor 17°F DB Refrigerant Charge (lbs.) Outdoor 5°F DB 21,200 **IDU Sound Pressure** Outdoor -4°F DB 20,760 $(Mx/H/M/L/SL) (\pm 1 dB[A])^3$ HSPF - Heating Seasonal Performance Factor **ODU Sound Pressure Electrical:** (Cooling / Heating) (±1 dB[A])3 Power Supply (V1/Hz/Ø) 208-230/60/1 ODU Net / Shipping Weight (lbs.) MOP (A) 20 MCA (A) IDU Net / Shipping Weight (lbs.) 15.7 Cooling Rated Amps (A) Grille Net / Shipping Weight (lbs.) Heating Rated Amps (A) 15.7 **Heat Exchanger Coating** Compressor (A) 13.5 Fan: Fan Motor (IDU + ODU) (A) 0.6 + 1.6Cooling Power Input (kW) 1.96 ODU Type Heating Power Input (kW) 2.25 **IDU Type** MOP - Maximum Overcurrent Protection MCA - Minimum Circuit Ampacity Fan Speeds (Fan/Cool/Heat) Piping: Quantity (ODU + IDU) 3/8 Liquid (in., O.D.) Motor/Drive Brushless Digitally Controlled/Direct Vapor (in., O.D.) 5/8 ODU Air Flow Rate (CFM) 0.43 Additional Refrigerant (oz./ft.) IDU Air Flow (CFM Max/H/M/L) 16.4 / 164 Min. / Max. Pipe Length (ft.)2 Dehumidification (pts./hr.) Piping Length (no add'l refrig., ft.) 24.6 Max. Elevation (ft.) 98.4 Acceptable operating voltage: 187V-253V.
 Piping lengths are equivalent.
 Must comply with applicable codes for fire isolation dampers. Features: Auto Changeover • Inverter (Variable Speed Compressor) Sound Pressure levels are tested in an anechoic chamber under ISO Standard 3745. Ultra-quiet Turbo FanNight Quiet Operation Internal Condensate Pump 4. Sound Pressure levels are tested in an anechoic chamber under ISO Standard 3745.
5. All communication / connection (power) cable from the outdoor unit to the indoor unit is field supplied and must be a minimum of four-conductor, 14 AWG, stranded, shielded or unshielded (if shielded, it must be grounded to the chassis of the outdoor unit only), and must comply with applicable local and national codes.
6. This unit comes with a dry helium charge.
7. This data is rated 0 ft. above sea level, with 24.6 ft. of refrigerant line and a 0 ft. level difference between Swirl Wind / Jet Cool Auto Restart Optional Wi-Fi Control **Included Accessories:** • Wireless Remote Controller - AKB75735404 8. Power wiring cable size must comply with the applicable local and national code. Must follow installation instructions in the applicable LG installation manual.
 BACnet® is a registered trademark of ASHRAE. LonWorks® is a trademark of Echelon Corporation. **Required Accessories:** ☐ Panel - PT-AAGW0 **Optional Accessories:** ☐ Premium Panel (incl. Panel PT-AFGW0 + ☐ Dry Contact for Third Party Thermostat-Air Purif. Kit PTAHMP0)-PT-AFGW0S PDRYCB320





Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps (excluding ductless systems) must be matched with appropriate coil components to meet ENERGY STAR* criteria. Ask your contractor for details or visit www.energystar.gov.

(ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency.)







5~118

-4 ~ +64

57 ~ 77

59~81

R410A

EEV

4.41

48 / 52

130.1 / 147.7

45.9 / 54.9

15.6 / 20.5

GoldFin™

Propeller

Turbo

4/5/5

2.048

3.95

794 / 671 / 600 / 530

48 / 40 / 37 / 35 / 32

☐ Auto Elevation Kit-PTEGM0

☐ Flange³-PTVK430 ☐ MultiSITE™ CRC* Controller-

PREMTBVC2/C3/C4

PTVK420

7RTRS01

Decorative Cover-PTDCA
Ventilation Kit + Flange³-PTVK410 +

☐ Simple Remote Controller-PREMTC00U Standard III Remote Controller (White /

Black)-PREMTB100 / PREMTBB10

☐ Remote Temperature Button Sensor

Simple Dry Contact (1 contact, 24 VAC external power)-PDRYCB100

Dry Contact for Economizer-PDRYCB400

AC Smart 5 Central Controller-

☐ LonWorks® Gateway-ZHWLONWKO☐ MultiSITE Comm. Mgr.-PBACNBTR0A☐ PI-485-PMNFP14A1

ACP 5 BACnet Gateway-PACP5A000 AHU Communication Kit-PAHCMR000

☐Auxillary Heater Kit⁵-PRARH1

∃Wi-Fi Module-PWFMDD200

□ Drain Pan Heater-PQSH1200

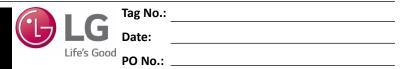
Low Ambient Wind Baffle (Cooling operation to -4°F)-ZLABGP04A

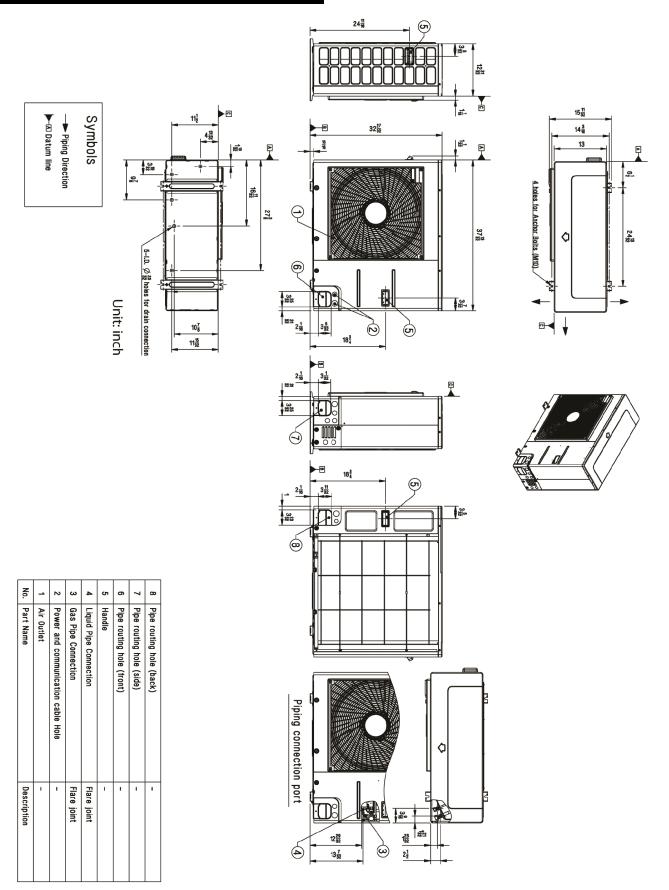
PACS5A000

Requires 1

LC249HV

Single Zone 3x3 Four-Way Ceiling Cassette
Indoor Unit (IDU) - LCN249HV, Outdoor Unit (ODU) - LUU240HV





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