Job Name/Location: Tag #: For: File Resubmit Date: Approval Other_ PO No.: GC: Architect: Mech: Engr: Rep: (Project Manager) LC188HV4 Ceiling Cassette Single Zone Outdoor Unit (ODU) - LUU189HV Indoor Unit (IDU) - LCN188HV4 Performance: **Operating Range:** Cooling: **Outdoor Unit:** Cooling (°F DB) **Cooling Capacity** 5 - 118 7,700 ~ 18,000 ~ 24,800 (Min~Rated~Max) (Btu/h) -4 ~ +64 Heating (°F WB) SEER2 20.50 Indoor Unit: EER2 12.50 57 ~ 77 Cooling (°F WB) SEER - Seasonal Energy Efficiency Ratio EER - Energy Efficiency Ratio Heating (°F DB) 59~81 Heating: **Heating Capacity System Data:** (Min~Rated~Max) (Btu/h) 6.500 ~ 18.500 ~ 23.400 HSPF2 Refrigerant Type R410A 9.70 Max. Heating @ Indoor 70°F DB Refrigerant Control EEV 17000 Outdoor 17°F DB Refrigerant Charge (lbs.) 3.75 Outdoor 5°F DB* 16200 **IDU Sound Pressure** Outdoor -4°F DB 15250 $(H/M/L) (\pm 3 dB[A])^3$ 41/39/36 HSPF - Heating Seasonal Performance Factor

* The Capacities at 5°F does not refer to H42 testing conditions. ODU Sound Pressure Max. Electrical: (Cooling / Heating) (±3 dB[A])³ 48/52 ODU Net / Shipping Weight (lbs.) Power Supply (V1/Hz/Ø) 208-230/60/1 127.8 / 140 IDU Net / Shipping Weight (lbs.) MOP (A) 31.5 / 4020 Grille Net / Shipping Weight (lbs.) MCA (A) 7/9 15.1 Cooling Rated Amps (A) 15.1 Heating Rated Amps (A) Fan: Compressor (A) 13.5 **ODU Type** Fan Motor (IDU + ODU) (A) 1.85 Propeller **IDU** Type Cooling Power Input (kW) 1.44 Turbo Heating Power Input (kW) 1.95 Fan Speeds (Fan/Cool/Heat) 4/5/4 MOP - Maximum Overcurrent Protection MCA - Minimum Circuit Ampacity Quantity (ODU + IDU) (1 + 1)Motor/Drive Brushless Digitally Controlled/Direct Piping: ODU Air Flow Rate (CFM) 2048 Liquid (in., O.D., Connection Size/Pipe Size) 1/4 / 3/8 IDU Air Flow (CFM H/M/L) 460 / 424 / 388 Vapor (in., O.D., Connection Size/Pipe Size) 1/2 / 5/8 Dehumidification (pts./hr.) 3.3 Additional Refrigerant (oz./ft.) 0.43 Max. Pipe Length (ft.)2 164 Notes: Piping Length (no add'l refrig., ft.) 24.6 1. Acceptable operating voltage: 187V-253V. Max. Elevation (ft.) 2. Piping lengths are equivalent. 98.4 Nust comply with applicable codes for fire isolation dampers.
 Sound Pressure levels are tested in an anechoic chamber under ISO Standard 3745.
 All communication/power cable to be minimum 18 American wire gauge (AWG), 4-conductor, stranded, Features: • Inverter (Variable Speed Compressor) • Auto Restart shielded and must comply with applicable local and national code. 6. This unit comes with a dry helium charge. 7. Nominal data is rated 0 ft. above sea level, with 25 ft. of refrigerant line and a 0 ft. level difference between Auto Changeover
Ultra-quiet Turbo Fan
Optional Wi-Fi Control Internal Condensate PumpSwirl Wind outdoor and indoor units. 8. Power wiring cable size must comply with the applicable local and national code.
9. Must follow installation instructions in the applicable LG installation manual.
10. Multi-compatible IDUs include socket adapters for refrigerant pipe connection with Single Zone systems. • IDU compatible with Multi F ODUs Required Accessories:(sold seprately) ☐ Cassette Grille - PT-QCHW0 or PT-UQC **Optional Accessories:** ☐ MultiSITE™ CRC2 - PREMTBVC2 AC Smart 5 - PACS5A000 ☐ Progrmmable Remote Controller -☐ Low Ambient Kit -40°F cooling PREMTB100 PQCA0, PAG-HS6/PAG-HS7 Wind Guards







☐ Without PQCA0 Cooling to 0°F

☐ Delux Remote Controller -

☐ Ventilation Kit³ - PTVK430 ☐ Wi-Fi Module - PWFMDD200

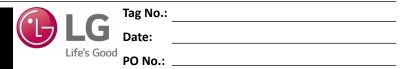
☐ Dry Contact 3rd Party Thermostat - PDRYCB320

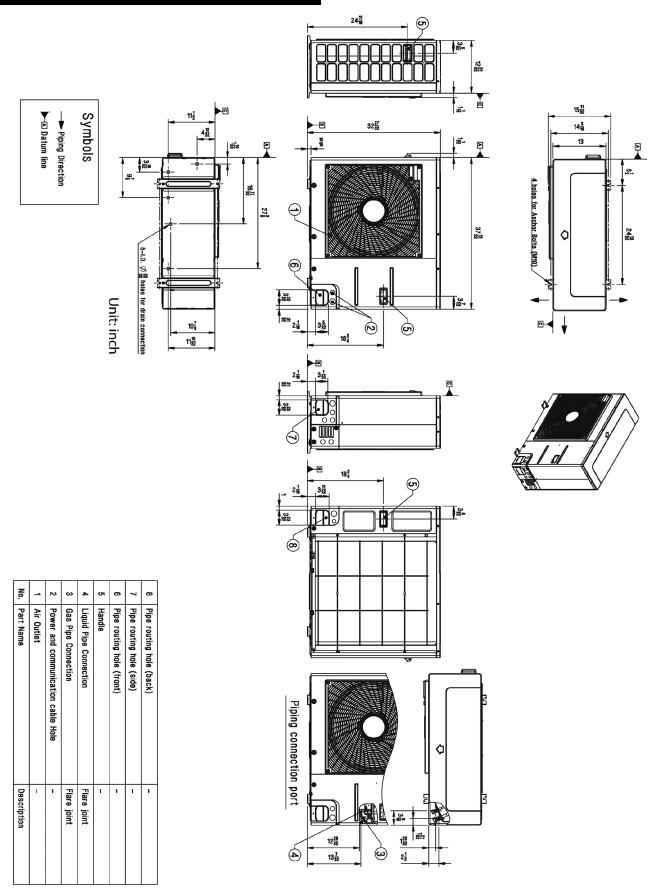
PREMTB200

LC188HV4

Ceiling Cassette Single Zone

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