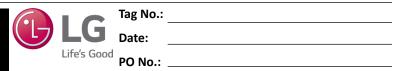
Date:	Job Name/Location:		Tag #:	
Architect: GC: Engr: Mech: Rep: Circlavary Irridget Marquery LV181HHV4 Single Zone (GRED Vertical Air Handler Unit Outdoor Unit (ODI) - IUU180HHV Indoor Unit (IUU) - IVN181HV4 Performance: Cooling: Cooling Capacity (Min'rRated*Max, Btu/h)	Date:	For: File	Resubmit	
Architect: GC: Engr: Mech: Rep: Common Process Manager LV181HHV4 Single Zone LGRED* Vertical Air Handler Unit Outdoor Unit (DUI) - LUNISHHV Indoor Unit (DUI) - LVNISHHV4 Performance: Cooling: Gapacity (Min*Rated*Max, Btu/h) 7, 200 - 18,000 - 24,800 17.05 / 13.55 LFERZ / LFERZ Max heating: General Max (Min*Rated*Max, Btu/h) 8,000 - 20,000 - 8,000 Max heating: Gapacity (Min*Rated*Max, Btu/h) 8,000 - 20,000 - 8,000 Max heating: Gapacity (Min*Rated*Max, Btu/h) 8,000 - 20,000 - 8,000 Max heating: Gapacity (Min*Rated*Max, Btu/h) 8,000 - 20,000 - 8,000 Max heating: Gapacity (Min*Rated*Max, Btu/h) 8,000 - 20,000 - 8,000 Max heating: Gapacity (Min*Rated*Max, Btu/h) 8,000 - 20,000 - 8,000 Max heating: Gapacity (Min*Rated*Max, Btu/h) 9,000 - 20,000 - 8,000 Max heating: Gapacity (Min*Rated*Max, Btu/h) 9,000 - 20,000 - 8,000 Max heating: Gapacity (Min*Rated*Max, Btu/h) 9,000 - 20,000 - 8,000 Max heating: Gapacity (Min*Rated*Max, Btu/h) 9,000 - 20,000 - 8,000 Max heating: Gapacity (Min*Rated*Max, Btu/h) 9,000 - 20,000 - 8,000 More for the Winter of the Max	PO No.:	Approval	Other	
Engr: Mech:		GC:		
Project Managero			<u> </u>	
LV181HHV4 Single Zone LORED* Vertical Air Handler Unit Outdoor Unit (IDU) - LVUISHIMA		Mech:		
V181HHV4 Single Zone LGRED* Vertical Air Handler Unit Outdoor Unit (IDU) - LUU180HHV Indoor VID (IDU) - LU180HHV Indoor VID (IDU) - LUU180HHV Indoor VID (IDU) - LU180HHV Indoor VID	Rep:	(Project Manager)		
Cooling: Cooling: Capacity (Min"Rated*Max, Btu/h)	LV181HHV4 Single Zone LGRED° Vertical Air Har Outdoor Unit (ODU) - LUU180HHV Indoor Unit		LG Life's Good	LG RECEITED
Cooling Capacity (Min"Rated*Max, Btu/h)			Operating Range:	
SERRY_ERRY_Services 17.05 / 13.35 Heating (Street storage (Billevice) halto Effective (Residual Pressure (Holes) Effective		7 200 ~ 18 000 ~ 24 800		
The clasting Thismary state 118 - Larrey Lifticurcy Natio	, , , , , , , , , , , , , , , , , , , ,			
Heating Spacity (Min"Rated"Max, Btu/h)				-13 10 04
Heating @ Indoor 70° DB (Btu/h)		0.000 20.000 27.000		57 to 77
Outdoor 17F WB				
Outdoor -SFY W8 Outdoor -SFY W	Max heating @ Indoor 70° DB (Btu/h)	22.400	System Data:	
Outdoor -19°F WB Outdoor -13°F WB 19.760 19.760 19.775 Hearth general the recording conditions. Heating Romain test Conditions: However Supply (Whtz/g0) 208-230 / 60 / 1 Rower Supply (Whtz/g0) 208-230 / 60 / 1 Romain test Conditions: Heating Romain test Conditions: However Supply (Whtz/g0) 208-230 / 60 / 1 Romain test Conditions: Heating		·	Refrigerant Type/Control	R410A / EEV
DOU Sound Pressure Max (Cool / Heat) ±1 dB(A)		.	Refrigerant Charge (lbs.)	4.41
IDD Sound Pressure (H/M/L) 1 GR(A) 35 / 33 / 30 22 16 Capacities of Young Weight (lbs.) 13.4 / 14.4 14.8 16.8 / 128.5 10.0 Net / Shipping Weight (lbs.) 13.4 / 14.4 14.8 16.8 / 128.5 10.0 Net / Shipping Weight (lbs.) 13.4 / 14.4 16.8 / 128.5 10.0 Net / Shipping Weight (lbs.) 11.6 R / 128.5 10.0 Net / Shipping Weight (lbs.) 10.0 Net / Shipping Weight (lbs.) 10.0 Ne				$(A)^3$ 51 / 52
Reating Normal Fiet Conditions: Reat		,		
Fan:	Cooling Nominal Test Conditions: Heating Nomina			
Power Supply¹ (V/Hz/Ø) ADP¹ / MCA (A) Cooling / Heating Rated Amps (A) Cooling / Heating Rated Amps (A) Cooling / Heating Rated Amps (A) Cooling Power Input (Min^Rated^Max, kW) Cooling Power Inpu	Outdoor: 95°F DB / 75°F WB Outdoor: 47°F D			110.07 120.3
MOP / MCA (A) Cooling / Heating Rated Amps (A) Cooling / Heating Rated Amps (A) Compressor(A) Fan Motor (IDU + ODU) (A) Cooling Power Input (Minr*Rated*Max, kW) O.45 - 1.35 - 2.76 Heating Power Input (Minr*Rated*Max, kW) O.5 - 1.75 - 3.3 Locked Rotor Amps (A) MOP - Maximum Overcurrent Protection MCA - Minimum Circuit Ampacity Piping: MCA - Minimum Circuit Ampacity MCA - Minimum Circuit Ampacity MCA - Minimum Circuit Ampacity Piping: MCA - Minimum Circuit Ampacity MCA - Minimum Circuit Ampacity Piping: MCA - Minimum Circuit Ampacity MCA - Minimum Circuit Ampacity MCA - Minimum Circuit Ampacity Additional Refrigerant (oz. D.) Min/Max. Pipe Length (ft.) Motor/Circuit Connection (in., O.D.) Min/Max. Pipe Length (ft.) Motor Circuit Connection (in., O.D.) Min/Max. Pipe Length (ft.) Motor Circuit Connection (in., O.D.) Motor/Circuit Connection (in., O.D.) Motor/Drive Electronically Commutated Motor (ECM) / Divect Maximum ODU Air Volume (FM) / Lock Maximum ODU Air Volume (FM) / Lock Maximum ODU Air Volume (FM) / Lock Minimum Circuit Ampacity Motor/Drive Electronically Communities (CEM) / Maximum ODU Air Volume (FM) / Lock Maximum ODU Air Volume (FM) / Lock Maximum ODU Air Volume (FM) / Lock Maximum ODU Air Volume (FM) / Loc		208-230 / 60 / 1		Dropollor / Sirocco
Cooling / Heating Rated Amps (A) 5.9.77.6 Compressor(A) 14.5 Fan Motor (IDU + ODU) (A) 0.6 + 1.6 Cooling Power Input (Min"Rated"Max, kW) 0.45 ~ 1.35 ~ 2.76 Heating Power Input (Min"Rated"Max, kW) 0.5 ~ 1.75 ~ 3.3 Locked Rotor Amps (A) 23 MCP. Maximum Overurent Protection MCA-Minimum Circuit Ampacity Piping: Installed Uping Pipe (in., O.D.) 3/8 Flare Installed Uping Pipe (in., O.D.) 1/4 Flare IDU Liquid Connection (in., O.D.) 1/2 Flare IDU Vapor Connection (in., O.D.) 1/2 Flare IDU Vapor Connection (in., O.D.) 1/2 Flare IDU Max. Pipe Length (no add" refrig., ft.) 24.9 Max. Elevation (ft.) 98.4 Features: Group control Night Quiet Function Note Installed Vapor on the conductor, strands and the conductor,				•
Compressor(A)	Cooling / Heating Rated Amps (A)			
Fan Motor (IDU + ODU) (A)	1 ' ' '		, ,	ted Motor (ECM) / Direct
Looling Power Input (Min*Rated*Max, kW)			,	
Locked Rotor Amps (A) 23 MOP - Maximum Overcurrent Protection MCA - Minimum Circuit Ampacity Piping: Installed Liquid Pipe (in., O.D.) Installed Vapor Pipe (in., O.D.) IDU Liquid Connection (in., O.D.) IDU Japor Connection (in., O.D.) Additional Refrigerant (oz./ft.) Min/Max. Pipe Length (ft.) Min/Max. Pipe Length (no add'l refrig., ft.) Max. Elevation (ft.) Features: Hot start Inverter (variable speed) - Auto restart - Control lock - Optional Myi-Fi Control - Wz terminal connection - Sleep Mode - Auto restart - Optional Accessories: MultiSITE™ CRC2 - PREMTBVC2 MultiSITE™ CRC2 - PREMTBVC2 Point grow and the fire processing of the processing			` '	•
MOP - Maximum Overcurrent Protection Piping: Installed Liquid Pipe (in., O.D.) Installed Liquid Pipe (in., O.D.) Installed Liquid Pipe (in., O.D.) IDU Liquid Connection (in., O.D.) IDU Liquid Connection (in., O.D.) IDU Vapor Connection (in., O.D.) Id Flare IDU Additional Refrigerant (oz./ft.) Additional Refrigerant (oz./ft.) Min/Max. Pipe Length (ft.) Piping Length (no add'l refrig., ft.) Max. Elevation (ft.) Peatures: Inverter (variable speed) Interest of Size Phode Interest of Phode Inte				
Piping: Installed Liquid Pipe (in., O.D.) IDU Liquid Connection (in., O.D.) IDU Liquid Connection (in., O.D.) Id Flare IDU Apor Connection (in., O.D.) Additional Refrigerant (oz./ft.) Min/Max. Pipe Length (ft.) Piping Length (no add'l refrig., ft.) Max. Elevation (ft.) Peatures: Inverter (variable speed) Initiary of Control lock Initiary of	1 ()			0.1
Installed Vapor Pipe (in., O.D.) Installed Vapor Pipe (in., O.D.) IDU Liquid Connection (in., O.D.) IDU Vapor Connection (in., O.D.) Additional Refrigerant (oz./ft.) Min/Max. Pipe Length (ft.) Piping Length (no add'l refrig., ft.) Max. Elevation (ft.) Max. Elevation (ft.) Max. Elevation (ft.) Sound rewriting table seed on the start of the start			-	0.1~ - ~0.7
IDU Liquid Connection (in., O.D.) IDU Liquid Connection (in., O.D.) IDU Vapor Connection (in., o.D.) IDU Contact In the detail of understa			Notes	
IDU Vapor Connection (in., O.D.) 1/2 Flare Additional Refrigerant (oz./ft.) Additional Refrigerant (oz./ft.) Additional Refrigerant (oz./ft.) Min/Max. Pipe Length (ft.) 16.4 / 164 Piping Length (no add'l refrig., ft.) Max. Elevation (ft.) Saya Features: Hot start Hot start Hot start Hot start Sound Prefrigerant Optional Wi-Fi Control W2 terminal connection Built in dry contact Required Accessories (sold separately): Controller (Any LG wire mote controller) Optional Accessories: MultiSITE™ CRC2 - PREMTBVC2 Programable Remote Controller - PREMTB100 Delux Remote Controller - PREMTB200 Do Dry Contact 3rd Party Thermostat - PDRYCB320	1 ' ' ' '			
Max. Elevation (ft.) Features: - Hot start - Inverter (variable speed) - Night Quiet Function - Vaterminal connection - W2 terminal connection - W2 terminal connection - Wiltisiffe™ CRC2 - PREMTBVC2 - Multisiffe™ CRC2 - PREMTBVC2 - Multisiffe™ CRC2 - PREMTBVC2 - Programable Remote Controller - PREMTB100 - Dry Contact 3rd Party Thermostat - PDRYCB320	1 ' ' '		 Piping lengths are equivalent. Sound Pressure levels are tested in an anechoic chamber in 	under ISO Standard 3745.
Max. Elevation (ft.) Features: - Hot start - Inverter (variable speed) - Night Quiet Function - Vaterminal connection - W2 terminal connection - W2 terminal connection - Wiltisiffe™ CRC2 - PREMTBVC2 - Multisiffe™ CRC2 - PREMTBVC2 - Multisiffe™ CRC2 - PREMTBVC2 - Programable Remote Controller - PREMTB100 - Dry Contact 3rd Party Thermostat - PDRYCB320			 All power/communication cable to be minimum 14 Ameri conductor, stranded, shielded or unshielded wire and must of 	can wire gage (AWG), 4- comply with applicable local and
Max. Elevation (ft.) Features: - Hot start - Inverter (variable speed) - Night Quiet Function - Vaterminal connection - W2 terminal connection - Built in dry contact Required Accessories (sold separately): Controller (Any LG wired remote controller) Optional Accessories: - MultiSiTE™ CRC2 - PREMTBVC2 - Programable Remote Controller - PREMTB100 - Programable Remote Controller - PREMTB200 - Programable Remote Controller - PREMTB200 - Dry Contact 3rd Party Thermostat - PDRYCB320			5. Power wiring cable size must comply with the applicable lo	ocal and national code.
Max. Elevation (ft.) Features: - Hot start - Imperication (property) - Autor restart - Control lock - Controller (Any LG wired remote controller) Optional Accessories: - MultiSITE™ CRC2 - PREMTBVC2 - Programable Remote Controller - PREMTB200 - Programable Remote Controller - PREMTB200 - Dry Contact 3rd Party Thermostat - PDRYCB320			7. This data is rated 0 ft. above sea level, with 25 ft. of refrige	erant line and a 0 ft. level
Inverter (variable speed) • Auto restart • Control lock • Optional Wi-Fi Control • W2 terminal connection • Required Accessories (sold separately): Controller (Any LG wired remote controller) Optional Accessories: MultiSITE™ CRC2 - PREMTBVC2 Programable Remote Controller - PREMTB100 Delux Remote Controller - PREMTB200 Dry Contact 3rd Party Thermostat - PDRYCB320			8 Must follow installation instructions in the applicable LG in	nstallation manual.
Inverter (variable speed) • Auto restart • Control lock • Optional Wi-Fi Control • W2 terminal connection • Required Accessories (sold separately): Controller (Any LG wired remote controller) Optional Accessories: MultiSITE™ CRC2 - PREMTBVC2 Programable Remote Controller - PREMTB100 Delux Remote Controller - PREMTB200 Dry Contact 3rd Party Thermostat - PDRYCB320			10. 18k, 24k, and 36k IDU units have ECM fan that automatic (External Static Pressure) range. Therefore, there is no defau	ally adjusts throughout the ESP Ilt ESP value for these units.
Controller (Any LG wired remote controller) Optional Accessories: ☐ MultiSITE™ CRC2 - PREMTBVC2 ☐ AC Smart 5 - PACS5A000 ☐ Progrmmable Remote Controller - ☐ Low Ambient Wind Baffle Kit PAG-HS6/PAG-HS7 PREMTB100 ☐ (Cooling Operation to -4°F) ☐ Delux Remote Controller - ☐ Wi-Fi Module - PWFMDD200 PREMTB200 ☐ Dry Contact 3rd Party Thermostat - PDRYCB320	 Hot start Inverter (variable speed) Auto restart Control lock W2 terminal connection Group control Timer (on/off) Sleep Mode Optional Wi-Fi Control Built in dry contact 		12. Controller not included.13. Electric heater accessory available in 3kW, 5kW, 8kW, a	
Optional Accessories: ☐ MultiSITE™ CRC2 - PREMTBVC2 ☐ Progrmmable Remote Controller - PREMTB100 ☐ Delux Remote Controller - PREMTB200 ☐ Dry Contact 3rd Party Thermostat - PDRYCB320				
MultiSITE™ CRC2 - PREMTBVC2 □ Progrmmable Remote Controller - PREMTB100 □ Delux Remote Controller - PREMTB200 □ Dry Contact 3rd Party Thermostat - PDRYCB320	· ·			
□ Dry Contact 3rd Party Thermostat - PDRYCB320	MultiSITE™ CRC2 - PREMTBVC2	ent Wind Baffle Kit PAG-HS6/PAG-HS Operation to -4°F)	7	
		20	ICDED [®]	ALIRI CERTIFIED®

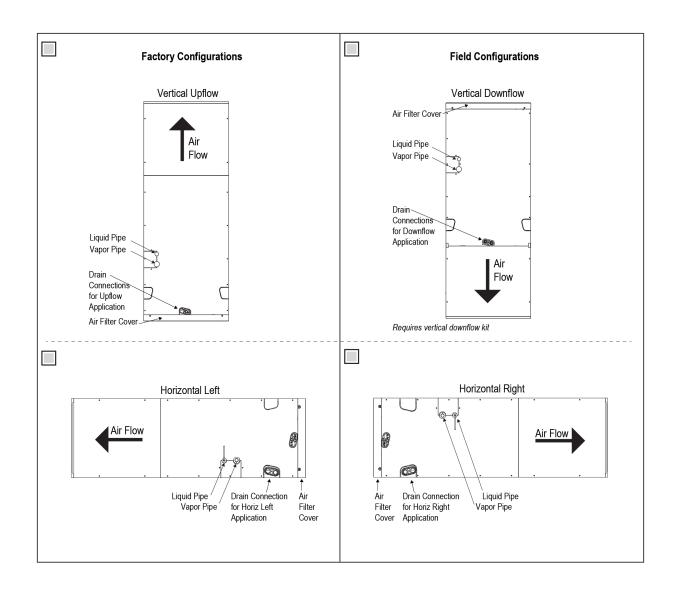




Job Name/Location:

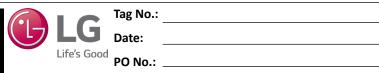
LVN181HV4 Single Zone LGRED° Vertical Air Handler Unit

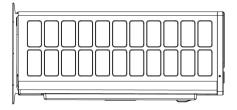


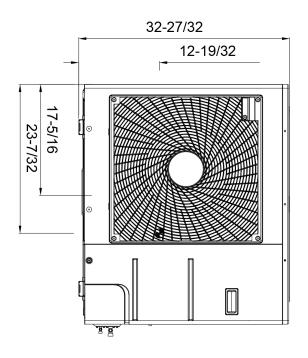


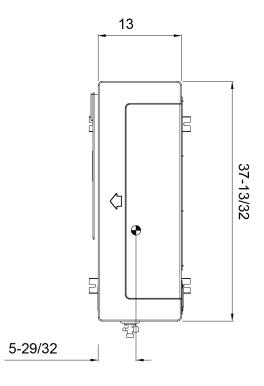
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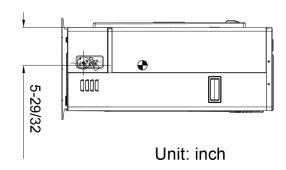
LUU180HHV Single Zone LGRED° Vertical Air Handler Unit











Job Name/Location:

LVN181HV4

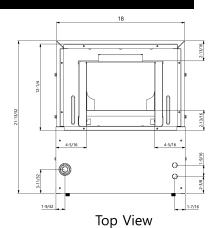
Single Zone LGRED° Vertical Air Handler Unit

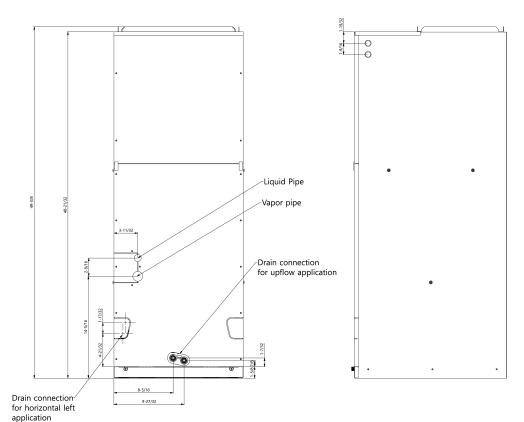






PO No.:





Front View

Side View