Job Name/Location: **Tag No:**

Date:

For: File Resubmit Approval Other

PO No.:

Architect: **GC:**

Engr: **Mech:**

Rep:
(Company) (Project Manager)

LMU363HV

Multi F Inverter Heat Pump Outdoor Unit

Performance:

Cooling Capacity (Min.-Rated-Max., Btu/h)	8,400~32,800~38,400
Heating Capacity (Min.-Rated-Max., Btu/h)	10,080~36,000~41,600
Max. Heating Capacity at 5°F (Btu/h)	25,200
Max. Heating Capacity at 0°F (Btu/h)	22,750
Max. Heating Capacity at -4°F (Btu/h)	20,800
EER2	12.5
SEER2	21.5
COP	3.9
HSPF2	9.0

Cooling Nominal Test Conditions:
Indoor: 80°F DB / 67°F WB
Outdoor: 95°F DB / 75°F WB

Heating Nominal Test Conditions:
Indoor: 70°F DB / 60°F WB
Outdoor: 47°F DB / 43°F WB

Electrical:

Power Supply (V/Hz/Ø)[1]	208-230V, 60, 1
MOP (A)	25
MCA (A)	18.4
Recommended Fuse Size (A)	25
Cooling Rated Amps (A)	15.03
Heating Rated Amps (A)	15.03
Compressor (A)	13.5
Fan Motor (A)	0.73
Locked Rotor Amps (A)	19.0

MOP - Maximum Overcurrent Protection MCA - Minimum Circuit Ampacity

Piping:

Refrigerant Charge (lbs.)	6.17
Liquid Line Connection (in., O.D.)	1/4 x 4
Vapor Line Connection (in., O.D.)	3/8 x 4
Maximum Total Piping[2] (ft.)	246.1
Min. / Max. ODU to IDU Piping (ft.)	9.8 / 82.0
Piping Length (no add'l refrigerant, ft.)	98.4
Maximum Elevation between ODU and IDU (ft.)	49.2
Maximum Elevation between IDU and IDU (ft.)	24.6

ODU = Outdoor Unit IDU = Indoor Unit

Features:

- Auto operation
- Auto restart
- Inverter (variable speed compressor)
- Defrost / Deicing
- Restart delay (three [3] minutes)
- Self diagnosis
- Soft start
- Low ambient cooling down to 14°F

Optional Accessories:

☐ PI-485 - PMNFP14A1
☐ MultiSITE Comm. Mgr. - PBACNBTR0A
☐ AC Smart 5 - PACS5A000
☐ ACP 5 - PACP5A000
☐ Power Distribution Indicator (PDI) Premium - PQNUD1S41
☐ Mobile LGMV - PLGMVW100
☐ Drain Pan Heater - PQSH1200
☐ Low Ambient Baffle Kit (Cooling operation to -4°F) - ZLABGP04A

Operating Range:

Cooling (°F DB)	14 to 118
Heating (°F WB)	-4 to +64

Unit Data:

Refrigerant Type	R410A
Refrigerant Control	EEV
Sound Pressure (Cool / Heat) ±1 dB(A)[3]	51 / 54
Net / Shipping Weight (lbs.)	138.9 / 154.3
Heat Exchanger Coating	Gold Fin™
Minimum No. of Indoor Units	2
Maximum No. of Indoor Units	4

Compressor:

Type	Twin Rotary
Quantity	1
Oil / Type	FVC68D

Fan:

Type	Propeller
Quantity	1
Motor / Drive	Brushless Digitally Controlled/Direct
Max. Airflow Rate (CFM)	2.119

Notes:

1. Acceptable operating voltage: 187V - 253V.
2. Piping lengths are equivalent.
3. Sound pressure levels are tested in an anechoic chamber under ISO Standard 3745.
4. All power / communication cable to be minimum 14 AWG, 4-conductor, stranded, shielded or unshielded wire, and must comply with applicable local and national codes. If shielded, the wire must be grounded to the chassis at the outdoor unit only.
5. Power wiring size must comply with the applicable local and national codes.
6. This data is rated 0 ft. above sea level, with 0 ft. level difference between outdoor and indoor units, and the following refrigerant pipe lengths:
   LMU183HV: 16.4 ft. x 2 = 32.8 ft.
   LMU243HV: 16.4 ft. x 3 = 49.2 ft.
   LMU303HV: 16.4 ft. x 4 = 65.6 ft.
   LMU363HV: 16.4 ft. x 4 = 65.6 ft.
   All capacities are net with a combination ratio between 95 - 105%.
7. Must follow installation instructions in the applicable LG installation manual.
8. Refer to the Combintion Data Manual for combination capacity tables.
9. See the Performance Data Manual for sensible and latent capacities.

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For a complete list of available accessories, contact your LG representative.
For continual product development, LG reserves the right to change specifications without notice.

Job Name/Location: _____

LMU363HV

Multi F Inverter Heat Pump Outdoor Unit

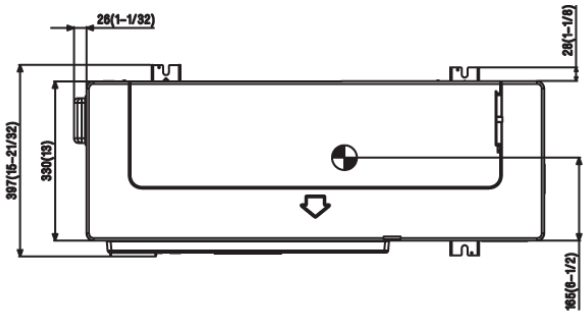
Tag No.: _____

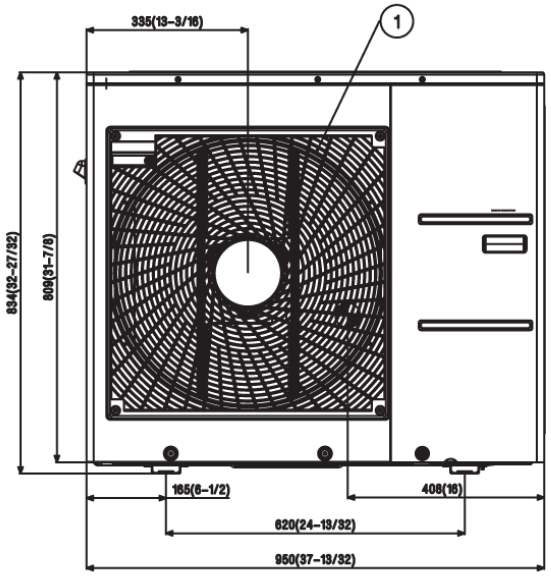
Date: _____

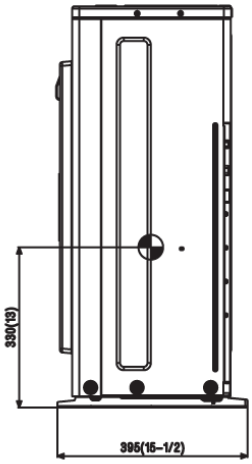
PO No.: _____

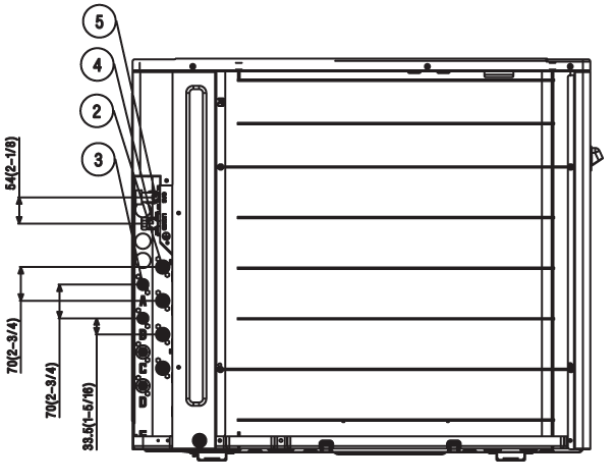
[Unit : mm(inch)]

Gravity point









No.	Part Name
1	Air discharge grille
2	Vapor pipe connection
3	Liquid pipe connection
4	Main service valve (Liquid)
5	Main service valve (Vapor)

Notes:

1. Unit must be installed in compliance with the installation manual.
2. Unit must be grounded in accordance with the local or state regulations and applicable national codes.
3. All field-supplied electrical components and materials must comply with local, state, and national codes.
4. Electrical characteristics must be considered for electrical work and design. The capacity of power cable and circuit breaker for the outdoor unit must follow local, state, national, and manufacturer requirements.

Job Name/Location: **Tag #:**

Date:

PO No.:

For: File Approval Resubmit Other_____

Architect: GC:

Engr: Mech:

Rep:
(Company) (Project Manager)

LMQN150HV
Multi F Low Wall Console Indoor Unit
15,000 Btu/h

LG Life's Good

Performance:

Nominal Cooling Capacity (Btu/h)	15,710
Nominal Heating Capacity (Btu/h)	17,070

Cooling Nominal Test Conditions:
Indoor: 80°F DB / 67°F WB
Outdoor: 95°F DB / 75°F WB

Heating Nominal Test Conditions:
Indoor: 70°F DB / 60°F WB
Outdoor: 47°F DB / 43°F WB

Electrical:

Power Supply (V[1]/Hz/Ø)	208-230/60/1
Rated Amps (A)	0.7

Piping:

Installed Liquid Pipe (in., O.D.)	1/4
Installed Vapor Pipe (in., O.D.)	1/2
Liquid Connection (in., O.D.)	1/4
Vapor Connection (in., O.D.)	1/2
Drain (in., O.D. / I.D.)	27/32 , 5/8
Temperature Sensor	Thermistor

Controls Features:

- Auto swing (up & down)
- 24-Hour on/off timer
- Auto operation
- Auto restart
- Chaos wind
- Inverter (variable speed fan)
- Jet cool/Jet heat
- Washable, anti-bacterial filter
- Sleep mode
- Condensate sensor connection
- Compatible with accessory Wi-Fi module

Included Accessories:

- Wireless Remote Controller — AKB75735410

Optional Accessories:

- ☐ MultiSITE™ CRC1 - PREMTBVC0
- ☐ MultiSITE CRC1+ - PREMTBVC1
- ☐ Dry Contact for Thermostat- PDRYCB320
- ☐ Simple Remote Controller - PREMTC00U
- ☐ Premium Remote Controller - PREMTA000
- ☐ Remote Temperature Button Sensor - ZRTBS01
- ☐ Simple Dry Contact (1 contact, 24 VAC external power) - PDRYCB100
- ☐ Dry Contact for Economizer - PDRYCB400
- ☐ Auxiliary Heater Kit - PRARH1
- ☐ Wi-Fi Module - PWFMDD200

Entering Mixed Air:

Cooling (°F DB)	57 ~ 77
Heating (°F WB)	59 ~ 81

Unit Data:

Refrigerant Type	R410A
Refrigerant Control	EEV
Sound Pressure (H/M/L) (±3 dB[A])[2]	44/39/35
Primary Filter	Washable Pre-filter
Net Weight (lbs.)	35.7
Shipping Weight (lbs.)	41.7

Fan:

Type	Turbo
Quantity	1
Motor/Drive	Brushless Digitally Controlled/Direct
Air Flow (Max/H/M/L) (CFM)	388 / 357 / 304 / 254

Notes:

1. Acceptable operating voltage: 187V-253V.
2. Sound Pressure levels are tested in an anechoic chamber under ISO Standard 3745.
3. See Engineering Manual for sensible and latent capacities.
4. 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.
5. Power wiring cable size must comply with the applicable local and national code.
6. The indoor unit comes with a dry helium charge.
7. Corresponding refrigerant piping length is in accordance with standard length of each outdoor unit and the level difference is 0 ft. All capacities are net with a combination ratio between 95 - 105%.
8. Must follow installation instructions in the applicable LG installation manual.
9. Includes a 3/8" to 1/2" socket adapter for the vapor line.

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AHRI Standard 210/240
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For a complete list of available accessories, contact your LG representative.
For continual product development, LG reserves the right to change specifications without notice.

Job Name/Location: _____

LMQN150HV

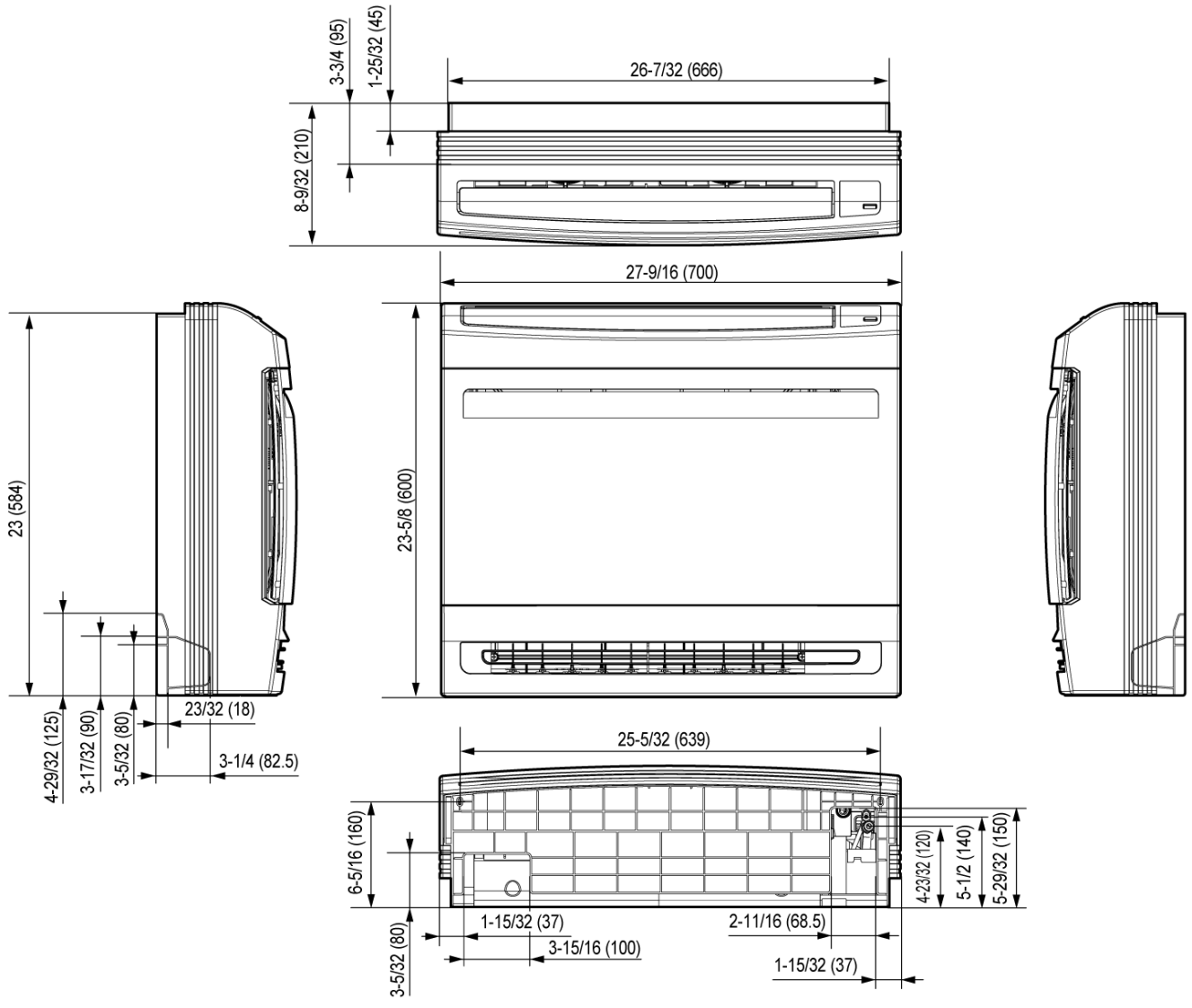
Multi F Low Wall Console Indoor Unit

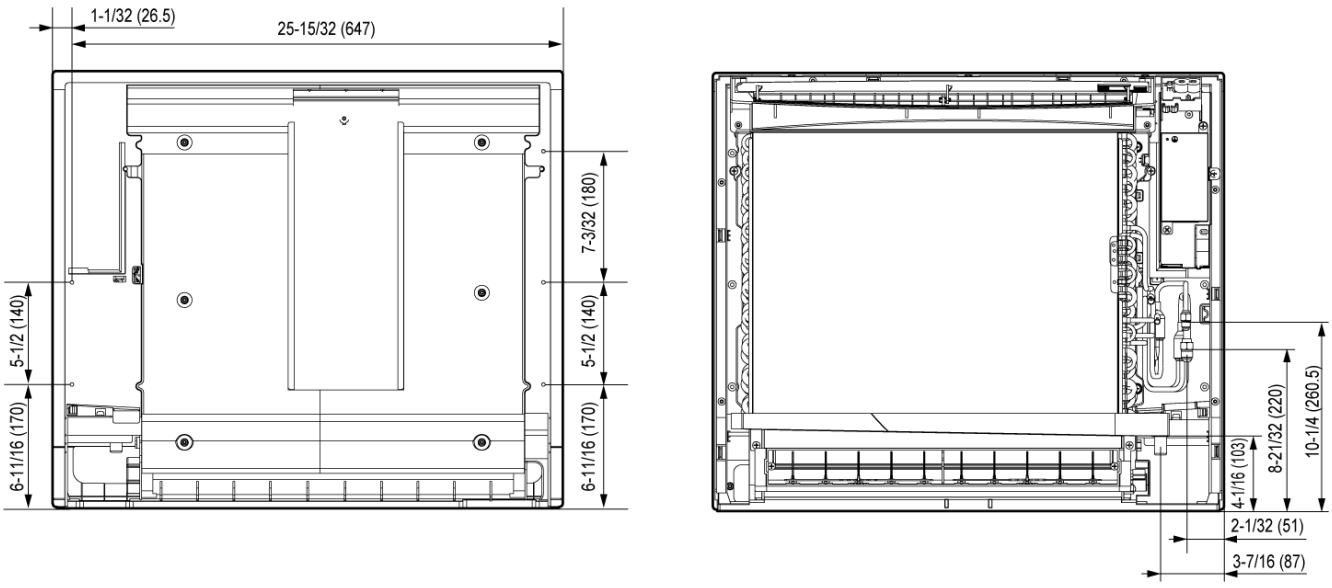
15,000 Btu/h

Tag No.: _____

Date: _____

PO No.: _____





Job Name/Location: **Tag #:**

Date:

PO No.:

For: File Resubmit Approval Other_____

Architect: GC:

Engr: Mech:

Rep:
(Company) (Project Manager)

LO090HV4
Single Zone Low Wall Console
Outdoor Unit (ODU) - LUU097HV, Indoor Unit (IDU) - LQN090HV4

LG Life's Good

Performance:

Cooling:

Cooling (Min~Rated~Max, Btu/h)	4,270 ~ 9,000 ~ 11,500
SEER2	21.0
EER2	12.6

SEER - Seasonal Energy Efficiency Ratio EER - Energy Efficiency Ratio

Heating:

Heating (Min~Rated~Max, Btu/h)	4,600 ~ 10,100 ~ 13,000
HSPF2	10.4

HSPF - Heating Seasonal Performance Factor

Cooling Nominal Test Conditions:
Indoor: 80°F DB / 67°F WB
Outdoor: 95°F DB / 75°F WB

Heating Nominal Test Conditions:
Indoor: 70°F DB / 60°F WB
Outdoor: 47°F DB / 43°F WB

Electrical:

Power Supply[1] (V/Hz/Ø)	208-230/60/1

Outdoor Unit:

MOP (A)	15
MCA (A)	11.9
Cooling Rated Amps (A)	9.95
Heating Rated Amps (A)	9.95
Compressor(A)	9.0
Fan Motor (IDU + ODU) (A)	0.7 + 0.25
Cooling Power Input (kW)	0.35 ~ 0.71 ~ 1.22
Heating Power Input (kW)	0.42 ~ 0.85 ~ 1.45

MOP - Maximum Overcurrent Protection MCA - Minimum Circuit Ampacity

Piping:

Liquid Line (in., O.D.)	1/4
Vapor Line (in., O.D.)	3/8
Additional Refrigerant (oz./ft.)	0.22
Max. Pipe Length[2] (ft.)	66
Piping Length (no add'l refrig., ft.)	24.6
Max. Elevation (ft.)	49

Features:

- Hot start
- Inverter (variable speed fan)
- Auto restart
- Control lock
- Group control
- Timer (on/off)
- Sleep Mode
- Optional Wi-Fi Control

Included Accessories:

Wireless Remote Controller — AKB75735410

Optional Accessories:

- ☐ MultiSITE™ CRC1 - PREMTBVC0
- ☐ MultiSITE CRC1+ - PREMTBVC1
- ☐ MultiSITE Comm. Mgr. - PBACNBTR0A
- ☐ AC Smart 5 - PACS5A000
- ☐ Simple Controller - PREMTC00U
- ☐ Wi-Fi module with cable - PWFMDD200
- ☐ Low Ambient Wind Baffle (Cooling operation to -4°F) ZLABGP01A
- ☐ Drain Pan Heater - PQSH1202
- ☐ Dry Contact for Thermostat - PDRYCB320
- ☐ Simple Dry Contact (1 Contact, 24VAC external power) - PDRYCB100
- ☐ Dry Contact for Economizer - PDRYCB400
- ☐ Premium Remote Controller - PREMTA000
- ☐ PI-485 - PMNFP14A1

Operating Range:

Outdoor Unit:

Cooling (°F DB)	0 to 118
Heating (°F WB)	-4 to 64

Indoor Unit:

Cooling (°F WB)	57 to 77
Heating (°F DB)	59 to 81

System Data:

Refrigerant Type	R410A
Refrigerant Control	EEV
Refrigerant Charge (lbs.)	2.425
ODU Sound Pressure Max (Cool / Heat) ±3 dB(A)[3]	49 / 52
IDU Sound Pressure (H/M/L) ±3 dB(A)[3]	38 / 32 / 27
ODU Net / Shipping Weight (lbs.)	74.5 / 80
IDU Net / Shipping Weight (lbs.)	35.9 / 42.5
Heat Exchanger Coating	GoldFin™

Fan:

ODU Type	Propeller
IDU Type	Sirocco
Fan Speeds (Fan/Cool/Heat)	4 / 5 / 5
Fan Quantity (ODU + IDU)	1 + 1
Motor/Drive	Brushless Digitally Controlled/Direct
ODU Air Circulation (CFM)	988
Air Flow (Max/ H/M/L) (CFM)	318 / 300 / 237 / 177
Dehumidification Rate (pts/hr)	2.0

Notes:

1. Acceptable operating voltage: 187V-253V.
2. Piping lengths are equivalent.
3. Sound Pressure levels are tested in an anechoic chamber under ISO Standard 3745.
4. All communication / connection (power) cable from the outdoor unit to the indoor unit is field supplied and is to be minimum 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.
5. See Engineering Manual for sensible and latent capacities.
6. Power wiring cable size must comply with the applicable local and national code.
7. The indoor unit comes with a dry helium charge.
8. This data is rated 0 ft. above sea level, with 24.6 ft. of refrigerant line and a 0 ft. level difference between outdoor and indoor units.
9. Must follow installation instructions in the applicable LG installation manual.

Inverter

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Unitary Small HP
AHRI Standard 210/240
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Job Name/Location: _____

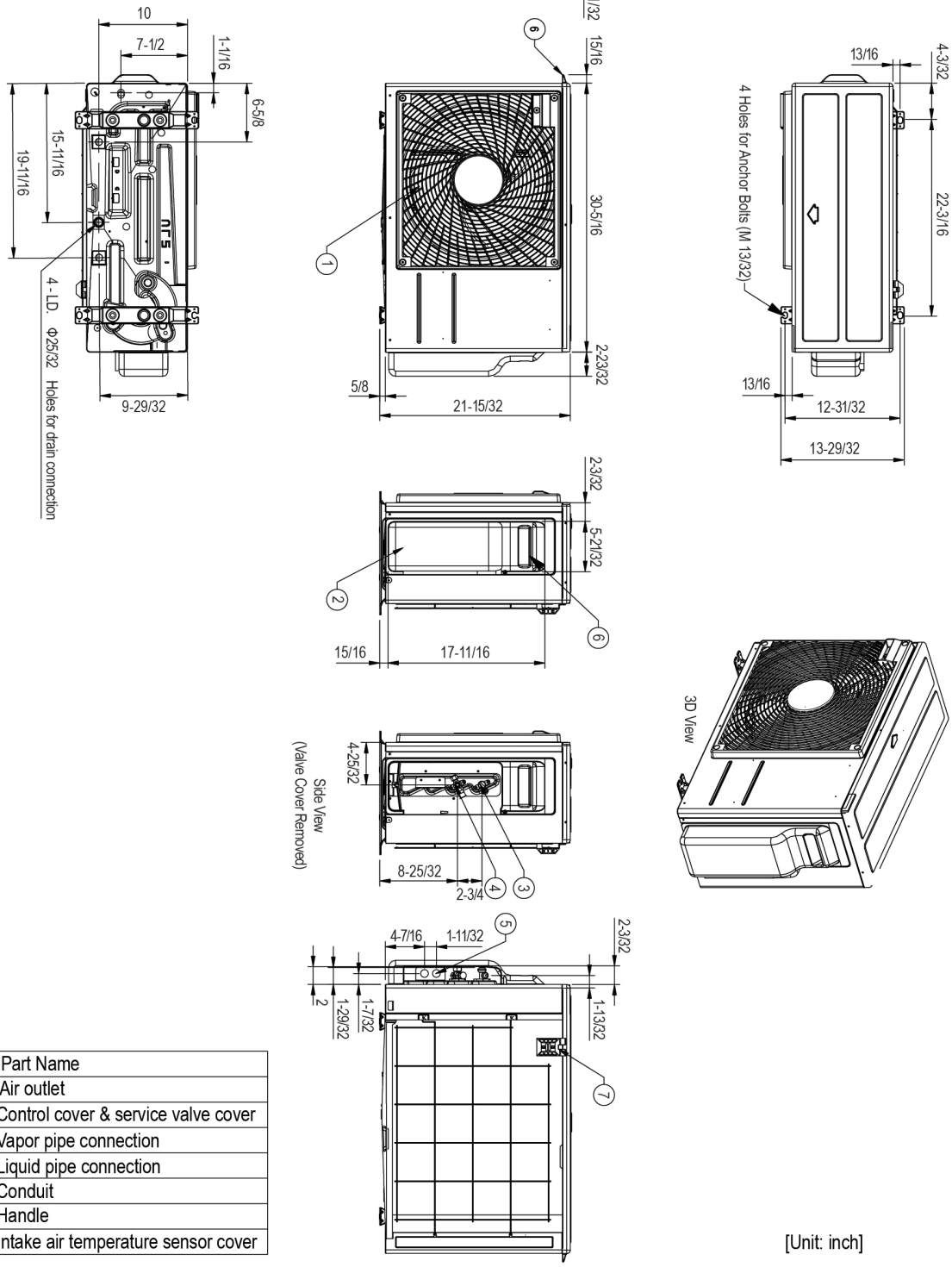
LO090HV4
Single Zone Low Wall Console
Outdoor Unit (ODU) - LUU097HV, Indoor Unit (IDU) - LQN090HV4

LG Life's Good

Tag No.: _____

Date: _____

PO No.: _____



No.	Part Name
1	Air outlet
2	Control cover & service valve cover
3	Vapor pipe connection
4	Liquid pipe connection
5	Conduit
6	Handle
7	Intake air temperature sensor cover

[Unit: inch]

Job Name/Location: _____

LO090HV4

Single Zone Low Wall Console

Outdoor Unit (ODU) - LUU097HV, Indoor Unit (IDU) - LQN090HV4

Tag No.: _____

Date: _____

PO No.: _____