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

Date: For: ☐ File ☐ Resubmit ☐ Approval ☐ Other

PO No.:

Architect: GC:

Engr: Mech:

Rep:
(Company) (Project Manager)

LS240HSV2

High Efficiency Single Zone Inverter

Outdoor Unit (ODU) - LSU240HSV2 Indoor Unit (IDU) - LSN240HSV2

LG Life's Good

Performance:

Cooling:

Capacity (Btu/h)	22,000
SEER	18.9
EER	12.5

SEER - Seasonal Energy Efficiency Ratio EER - Energy Efficiency Ratio

Heating:

Capacity (Btu/h)	27,600
HSPF	10.2

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:

Outdoor Unit:

Power Supply (V¹/Hz/Ø)	208-230/60/1
MOP (A)	30
MCA (A)	19.0
Cooling Rated Amps (A)	15.4
Heating Rated Amps (A)	15.4
Compressor (A)	14.6
Fan Motor (A)	0.75

MOP - Maximum Overcurrent Protection MCA - Minimum Circuit Ampacity

Indoor Unit:

Power Supply (V¹/Hz/Ø)	208-230/60/1
Cooling Power Input (kW)	1.76
Heating Power Input (kW)	2.38

Piping:

Liquid Line (in, OD)	3/8
Vapor Line (in, OD)	5/8
Additional Refrigerant (oz/ft)	0.38
Max Pipe Length (ft)²	98.4
Piping Length (no add'l refrigerant, ft)	24.6
Max Elevation (ft)	49.2

Controls Features:

- 24-Hour on/off timer
- 4-Way auto swing
- Auto changeover
- Auto restart
- Built-in low ambient standard, down to 14°F (cooling mode)
- Chaos wind
- Condensate Sensor Connection
- Energy saving
- Inverter (variable speed compressor)
- Jet cool/Jet heat
- Plasma air purifying system
- Self-cleaning indoor coil
- Sleep mode
- Ultra quiet operation

Optional Accessories (sold separately)

☐ LG Programmable Thermostat - PREMTB10U

☐ Low Ambient Wind Baffle (Cooling operation to 0°F) - ZLABGP02A

☐ PI485 - PMNFP14A0

Operating Range:

Outdoor Unit:

Cooling (°F DB)	14-118
Heating (°F WB)	5-75

Indoor Unit:

Cooling (°F DB)	64-90
Heating (°F DB)	61-86

Unit Data:

Refrigerant Type	R410A
Refrigerant Control	EEV
Refrigerant Charge (lbs)	4.41
ODU Sound Pressure (±3 dB(A))³	54
IDU Sound Pressure (±3 dB(A))³	46/43/39
ODU Net Unit Weight (lbs)	142
ODU Shipping Weight (lbs)	153
IDU Net Unit Weight (lbs)	34
IDU Shipping Weight (lbs)	45
Heat Exchanger Coating	GoldFin™

Fan:

ODU Type	Propeller
IDU Type	Cross Flow
Fan Speeds (Fan/Cooling/Heating)	3/4/3
Quantity (ODU + IDU)	1 + 1
Motor/Drive	Brushless Digitally Controlled/Direct
ODU Max Air Flow Rate (CFM)	2,119
IDU Air Flow H/M/L (CFM)	742/629/424
Dehumidification (pts/hr)	6.0

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 1996.
4. All communication/power cable to be minimum 18 AWG, 4-conductor, stranded, shielded and must comply with applicable local and national code.
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.

Intertek

Inverter

Most Efficient 2012 ENERGY STAR www.energystar.gov

AHRI CERTIFIED™ www.ahridirectory.org
Unitary Small AC
AHRI Standard 210/240
Certification applies only when the complete system is listed with AHRI.

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Job Name/Location:

Outdoor Unit (ODU) - LSU240HSV2

High Efficiency Single Zone Inverter

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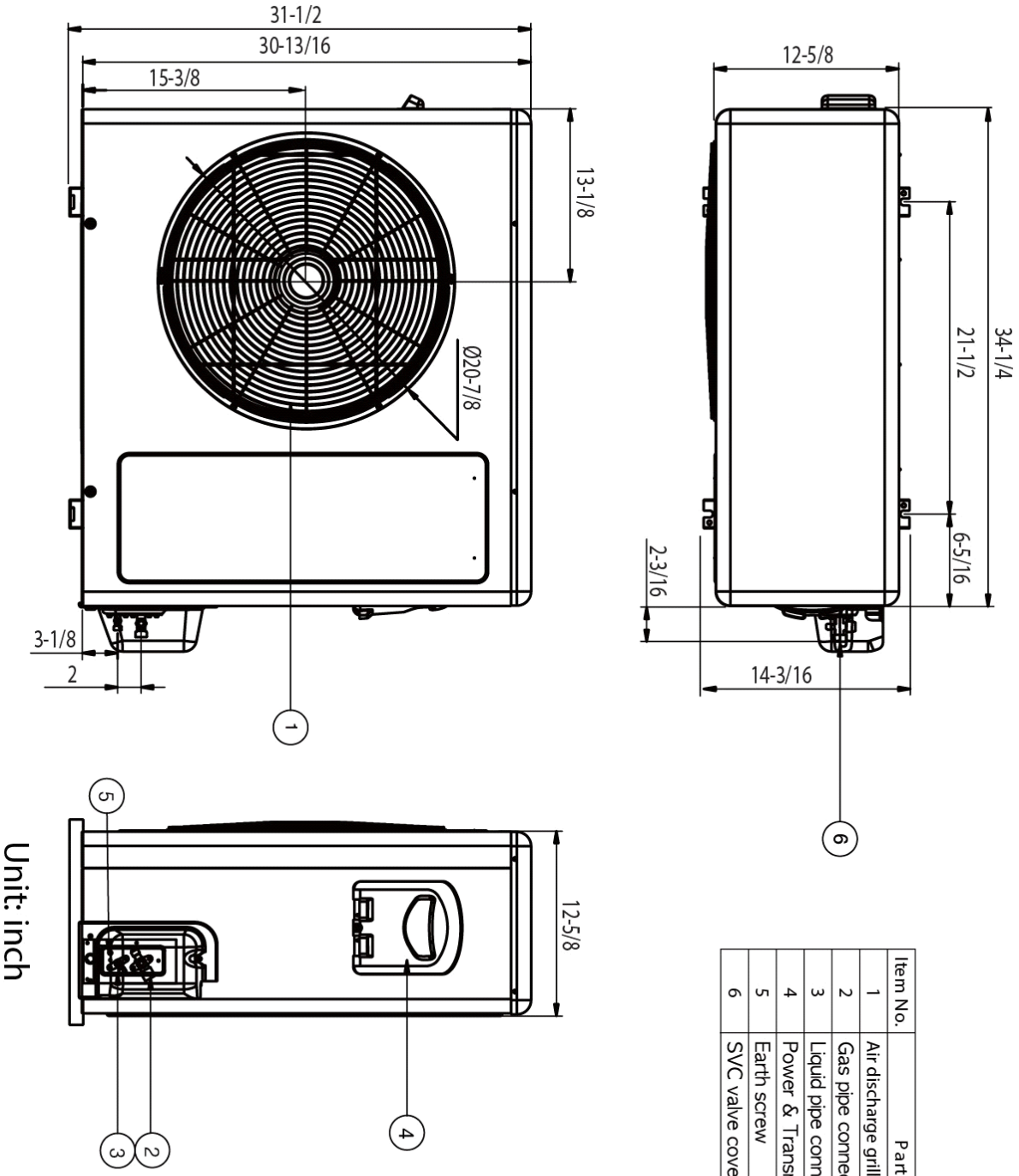

Item No.	Part Name	Remarks
1	Air discharge grille	
2	Gas pipe connection	
3	Liquid pipe connection	
4	Power & Transmission connection	
5	Earth screw	
6	SVC valve cover	

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Job Name/Location:

Indoor Unit (IDU) - LSN240HSV2

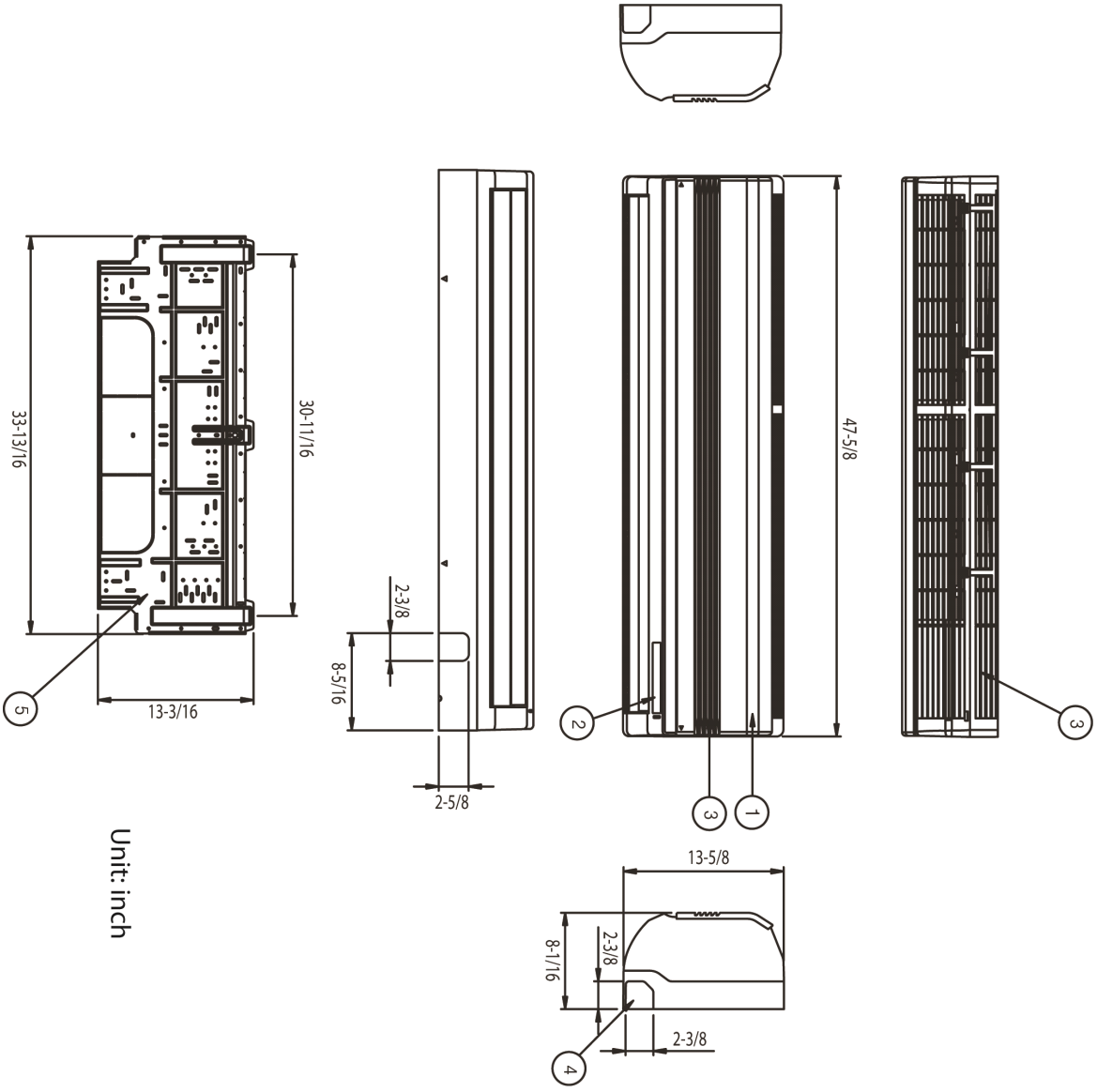
High Efficiency Single Zone Inverter

LG Life's Good

Tag #:

Date:

PO No.:



Unit: inch

Item No.	Part Name	Remarks
1	Front panel	
2	Display & signal receiver	
3	Air suction grille	
4	Knockout hole	For pipe and cable
5	Installation plate	

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