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

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

PO No.:

Architect: GC:

Engr: Mech:

Rep:
(Company) (Project Manager)

LA150HYV2

Single Zone Wall Mounted Art Cool™ Prestige

Outdoor Unit (ODU) - LAU150HYV2 Indoor Unit (IDU) - LAN150HYV2

LG Life's Good

Performance:

Cooling:

Capacity (Min-Rated-Max, Btu/h)	3,070-15,000-21,000
SEER	24
EER	13.48

SEER - Seasonal Energy Efficiency Ratio EER - Energy Efficiency Ratio

Heating:

Capacity (Min-Rated-Max, Btu/h)	3,070-18,000-25,200
HSPF	12.5

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 (V[1]/Hz/Ø)	208-230/60/1

Outdoor Unit:

MOP (A)	25
MCA (A)	19
Cooling Rated Amps (A)	15.0
Heating Rated Amps (A)	15.0
Compressor (A)	14.5
Fan Motor (A)	0.5

MOP - Maximum Overcurrent Protection MCA - Minimum Circuit Ampacity

Total Power Input:

Cooling Power Input (kW)	1.113
Heating Power Input (kW)	1.385

Piping:

Liquid Line (in, OD)	3/8
Vapor Line (in, OD)	5/8
Additional Refrigerant (oz/ft)	0.38
Min/Max Pipe Length (ft)[2]:	9.8/98.4
Piping Length (no add'l refrigerant, ft)	24.6
Max Elevation (ft)	65.6

Controls Features:

- •24-Hour on/off timer
- •4-Way auto swing
- •Auto changeover
- •Auto restart
- •Built-in low ambient operation to 14°F
- •Chaos wind
- •Condensate sensor connection
- •Defrost control
- •Dehumidifying mode
- •Hot start
- •Jet cool/Jet heat
- •Self cleaning indoor coil
- •Self diagnosis
- •Sleep mode
- •Soft dry operation
- •Ultra quiet operation
- •Cooling only function
- •3M Micro Protection Filter
- •Smart AC module

Optional Accessories (sold separately):

- ☐ PI-485 - PMNFP14A1
- ☐ LG Programmable Thermostat - PREMTB10U
- ☐ Dry Contact for third party thermostat - PDRYCB300
- ☐ Low Ambient Wind Baffle (Cooling operation to -40°F) - PQCA0 PAG-HS2 / PAG-HS8

Operating Range:

Outdoor Unit:

Cooling (°F DB)	14-118
Heating (°F WB)	-13-65

Indoor Unit:

Cooling (°F WB)	53-75
Heating (°F DB)	60-86

Unit Data:

Refrigerant Type	R410A
Refrigerant Control	EEV
Refrigerant Charge (lbs)	4.19
ODU Sound Pressure (Max) ±3 dB(A)[3]	57
IDU Sound Pressure	
Cooling (H/M/L/Sleep) ±3 dB(A)[3]	47/42/37/29
Heating (H/M/L) ±3 dB(A)[3]	47/42/37
ODU Net Unit Weight (lbs)	122
ODU Shipping Weight (lbs)	131
IDU Net Unit Weight (lbs)	34
IDU Shipping Weight (lbs)	38
Heat Exchanger Coating	GoldFin™

Fan:

ODU Type	Propeller
IDU Type	Cross Flow
Fan Speeds (Fan/Cooling/Heating)	6/6/6
Quantity (ODU + IDU)	1 + 1
Motor/Drive	Brushless Digitally Controlled/Direct
ODU Max Air Flow Rate (CFM)	2119
IDU Air Flow	
Cooling, Max/H/M/L (CFM)	741.5/565.0/423.7/317.8
Heating, Max/H/M/L (CFM)	776.9/600.3/459.0/353.1
Dehumidification (pts/hr)	3.8

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 power/communication cable to be minimum 18 American wire gage (AWG), 4-conductor, stranded, shielded or unshielded wire and must comply with applicable local and national code. If shielded, the wire must be grounded to the chassis at the outdoor unit only.
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

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

For continual product development, LG reserves the right to change specifications without notice.

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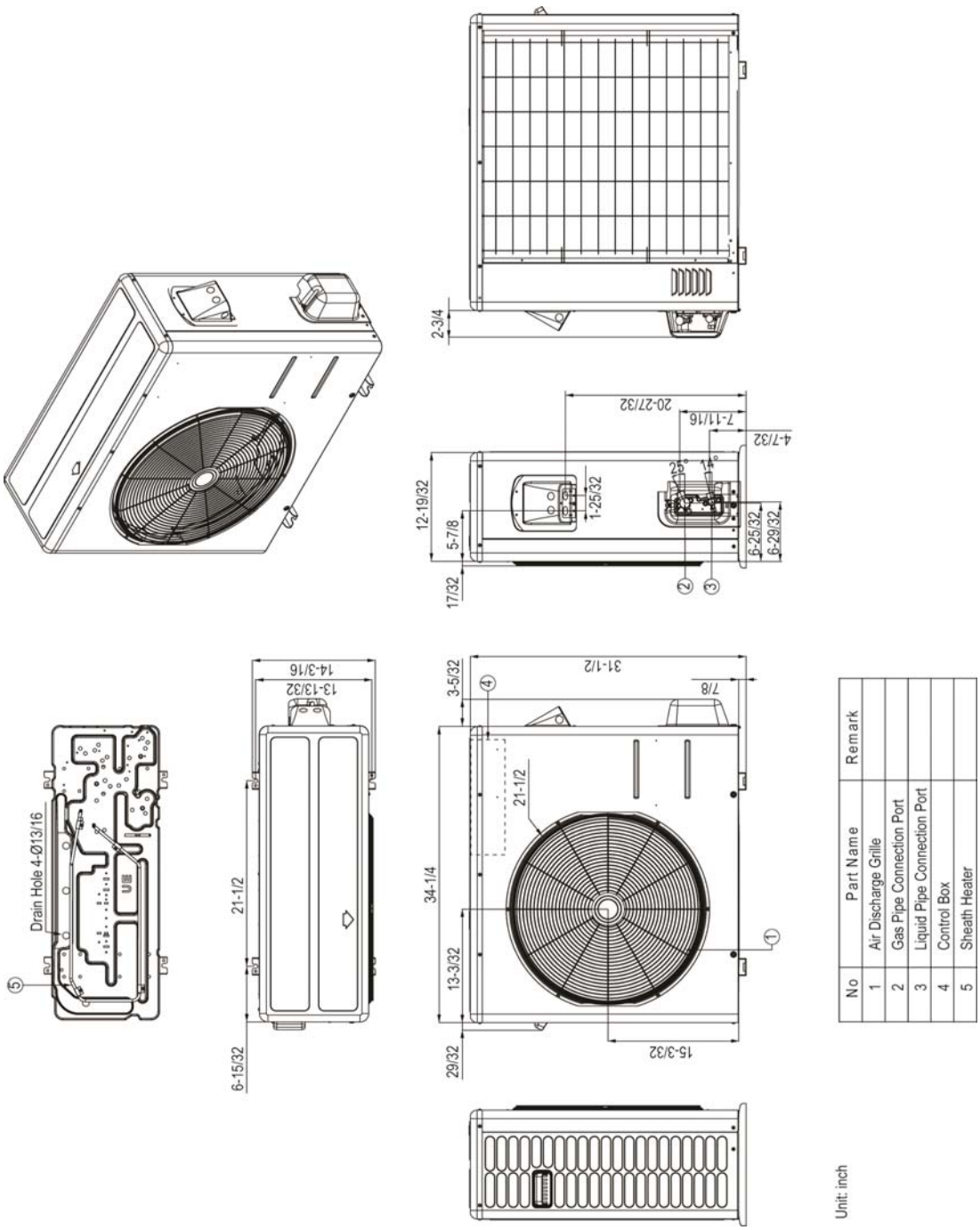

No	Part Name	Remark
1	Air Discharge Grille	
2	Gas Pipe Connection Port	
3	Liquid Pipe Connection Port	
4	Control Box	
5	Sheath Heater	

Unit: inch

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Job Name/Location:

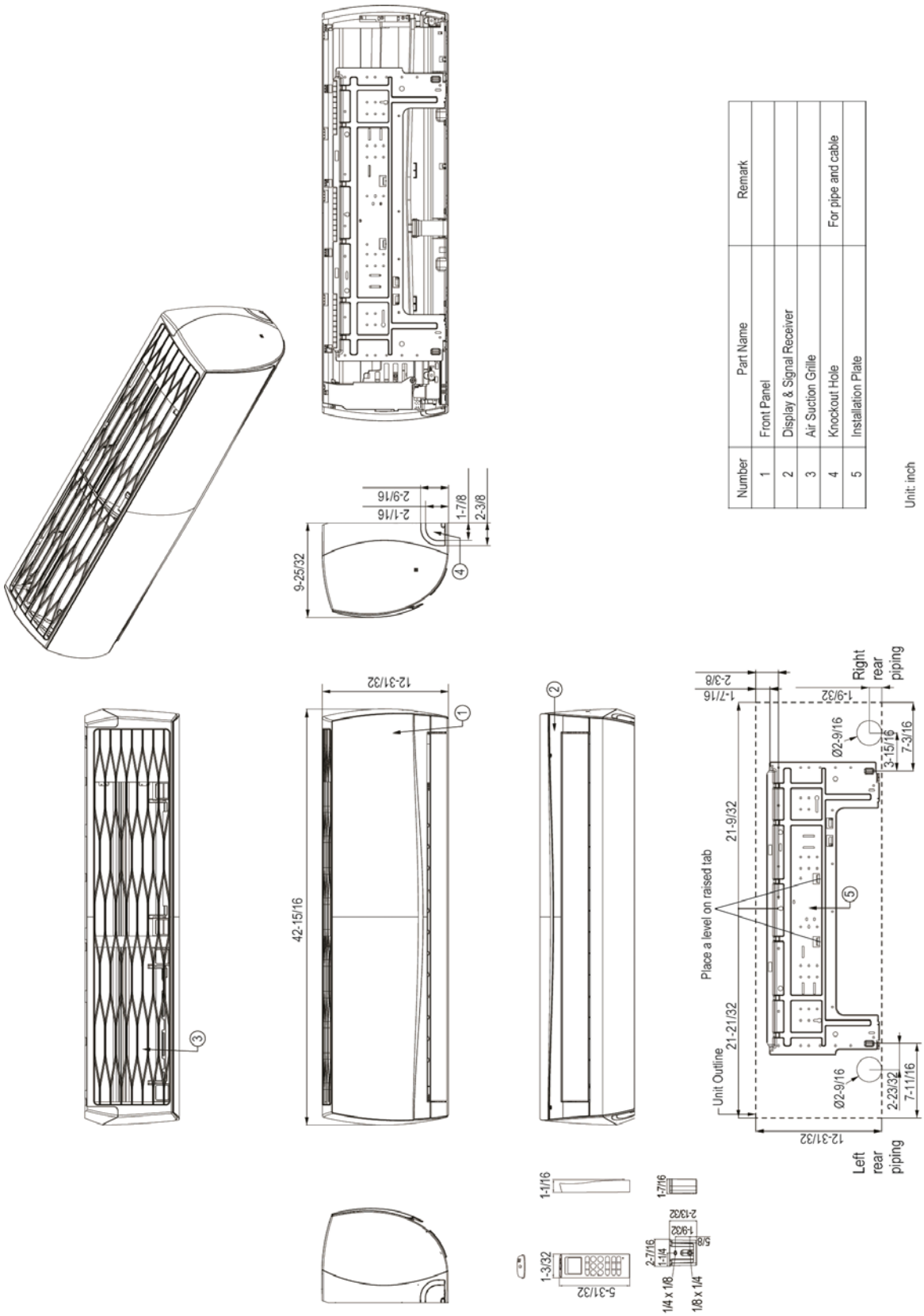
Indoor Unit (IDU) - LAN150HYV2

Single Zone Wall Mounted Art Cool™ Prestige

Tag #:

Date:

PO No.:



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