Job Name/Location: Tag #: For: File Resubmit Date: LG

Approval Other PO No.: GC: Architect: Mech: Engr: Rep:

(Project Manager)





LA120HYV3

ARTCOOL™ Prestige Single Zone Inverter Outdoor Unit (ODU) - LAU120HYV3 Indoor Unit (IDU) - LAN120HYV3





Performance:

Cooling:

(Company)

Capacity (Btu/h)	12,000
SEER	25.5
EER	13.79

Heating:

Capacity (Btu/h)	13,600
HSPF (IV/V)	12.5/10.9

HSPF - Heating Seasonal Performance Factor

Cooling Nominal Test Conditions: Heating Nominal Test Conditions: Indoor: 80°F DB/67°F WB Indoor: 70°F DB/60°F WB Outdoor: 47°F DB/43°F WB Outdoor: 95°F DB/75°F WB

Electrical:

Power Supply (V¹/Hz/Ø)	208-230/60/1

Outdoor Unit:

MOP (A)	15
MCA (A)	11.2
Cooling Rated Amps (A)	8.70
Heating Rated Amps (A)	8.70
Compressor (A)	8.3
Fan Motor (A)	0.40

MOP - Maximum Overcurrent Protection MCA - Minimum Circuit Ampacity

Total Power Input:

Cooling Power Input (kW)	0.87
Heating Power Input (kW)	0.97

Piping:

Liquid Line (in, OD)	1/4
Vapor Line (in, OD)	3/8
Additional Refrigerant (oz/ft)	0.22
Max Pipe Length (ft)	65.6
Piping Length (no add'l refrigerant, ft)	24.6
Max Elevation (ft)	39.4

Controls Features:		
•24-Hour on/off timer	 Condensate sensor 	 Self diagnosis
•4-Way auto swing	connection	 Sleep mode
•Auto changeover	 Defrost control 	 Soft dry operation
•Auto restart	 Dehumidifying mode 	 Ultra quiet operation
•Chaos wind	Hot start	 Cooling only switch

Optional Accessories (sold separately):

•Self cleaning indoor coil •Jet cool/Jet heat

LG Programmable Thermostat - PREMTB100

Wind Guards- PAG-HS0 & PAG-HS1- Cooling operation down to -0 °F For a complete list of available accessories, contact your LG representative.

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

Operating Range:

Outdoor Unit:

Cooling (°F DB)	14-118
Heating (°F WB) ¹⁰	-22-64
Indoor Unit:	

Cooling (°F WB)	64-90
Heating (°F DB)	60-86

Unit Data:

Refrigerant Type	R410A
Refrigerant Control	EEV
Refrigerant Charge (lbs)	2.54
ODU Sound Pressure (Max) ±3 dB(A) ³	50
IDU Sound Pressure (H/M/L/Sleep) ±3 dB(A) ³	42/36/26/22
ODU Net Unit Weight (lbs)	93.9
ODU Shipping Weight (lbs)	103.2
IDU Net Unit Weight (lbs)	25.1
IDU Shipping Weight (lbs)	29.5
Heat Exchanger Coating	GoldFin™

Fan:

ODU Type		Propeller
IDU Type		Cross Flow
Fan Speeds (Fan/Cooling/I	Heating)	6/6/6
Quantity (ODU + IDU)		1+1
Motor/Drive	Brushless Dig	itally Controlled/Direct
ODU Max Air Flow Rate (CFM)		1,730
IDU Air Flow H/M/L (CFM)		530/424/353
Dehumidification (pts/hr)		3.59

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 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. 10. Continuous heating operation down to -22 °F





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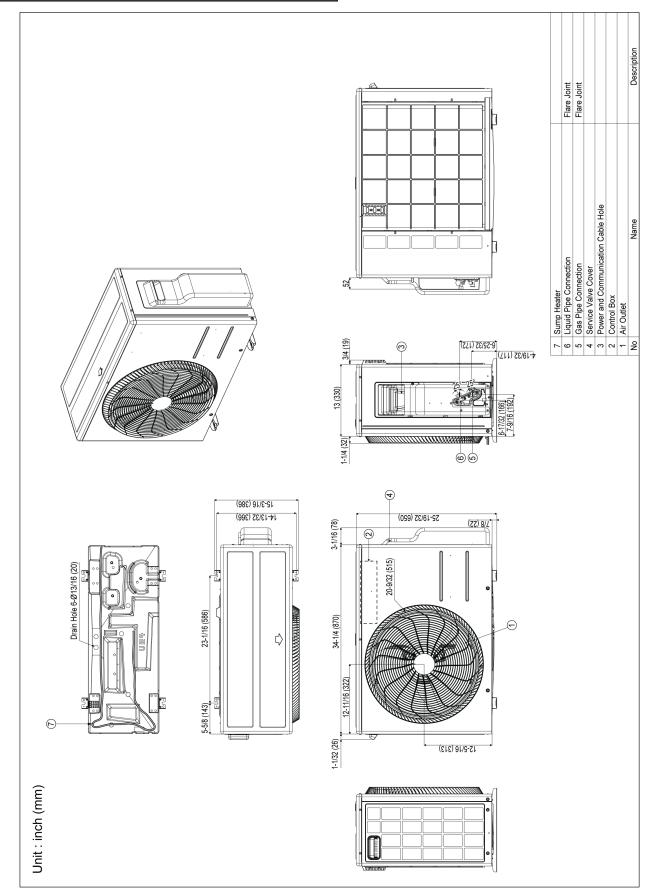
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Life's Good PO No.:

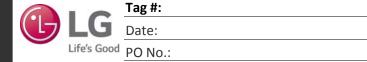
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