

Job Name : \_\_\_\_\_  
Purchaser : \_\_\_\_\_  
Engineer : \_\_\_\_\_  
Submitted To : \_\_\_\_\_  
Submitted By : \_\_\_\_\_  
Unit Designation : Schedule No.: \_\_\_\_\_

Location : \_\_\_\_\_  
P.O. No. : \_\_\_\_\_  
Architect : \_\_\_\_\_  
Date : \_\_\_\_\_  
For : ☐ Reference ☐ Approval ☐ Construction  
Model No.: \_\_\_\_\_

## Submittal Data : LA180HSV

### Air Conditioner Single Zone Mini Split



#### System Model #

Indoor Model # LAN180HSV  
Outdoor Model # LAU180HSV

#### Performance :

|                                         |              |
|-----------------------------------------|--------------|
| Capacity (Cooling)                      | 18,200       |
| (Heating)                               | 22,000       |
| EER                                     | 12.6         |
| SEER                                    | 20.5         |
| HSPF                                    | 9.7          |
| Air Circulation (CFM H/M/L)             | 600/510/420  |
| Fan Speeds                              | 7/Auto/Chaos |
| Dehumidification (pts/hr)               | 5.5          |
| Sound Data - Indoor (±3dB(A))           | 45/40/35     |
| Sound Data - Outdoor (±3dB(A))          | 53           |
| Cooling Indoor Air Temp Min/Max (°F DB) | 64/90        |
| Heating Indoor Air Temp Min/Max (°F DB) | 61/86        |

#### Electrical :

|                                        |                 |
|----------------------------------------|-----------------|
| Rated Voltage Outdoor (V, Hz, Ph)      | 230/208 , 60, 1 |
| Rated Voltage Indoor (V, Hz, Ph)       | 230/208 , 60, 1 |
| Minimum Circuit Ampacity               | 16.4            |
| Maximum Overcurrent Protection         | 25              |
| Cooling Running Current (Rated) (A)    | 17.8            |
| Heating Running Current (Rated) (A)    | 17.8            |
| Compressor Running Current (Rated) (A) | 12.5            |
| Fan Motor Running Current (Rated) (A)  | 0.25            |

#### Dimensions :

|                                   |                            |
|-----------------------------------|----------------------------|
| Indoor Dimension (WxHxD, inches)  | 40 9/16 x 12 13/16 x 9 7/8 |
| Indoor Weight (lbs)               | 37.5                       |
| Outdoor Dimension (WxHxD, inches) | 34 5/16 x 31 1/2 x 12 5/8  |
| Outdoor Weight (lbs)              | 132.3                      |

#### Refrigerant Piping :

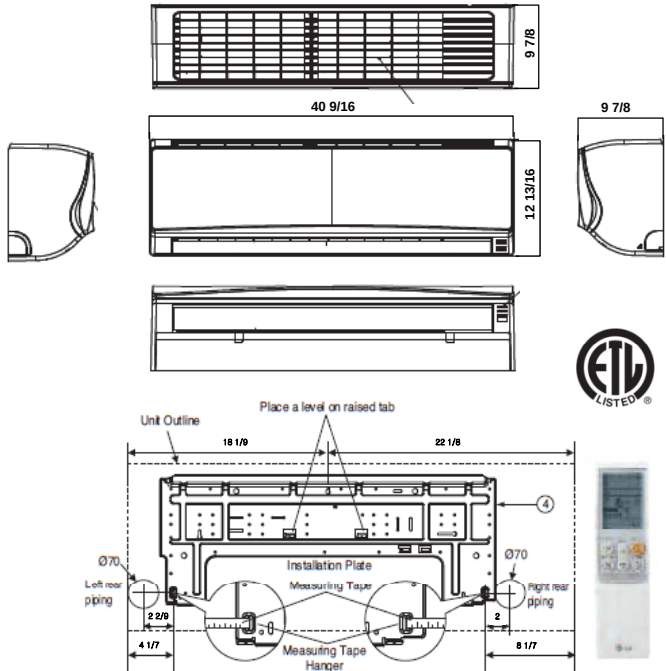
|                                           |       |
|-------------------------------------------|-------|
| Refrigerant Type                          | R410a |
| Refrigerant Charge (25ft)(lbs)            | 3.97  |
| Liquid Side (inches, O.D)                 | 3/8   |
| Suction Side (inches, O.D)                | 5/8   |
| Additional Refrigerant (oz./ft.)          | 0.38  |
| Maximum Pipe Length (ft)                  | 98    |
| Piping length (no add'l refrigerant, ft.) | 25    |
| Maximum Elevation (ft)                    | 49    |

#### Standard Features :

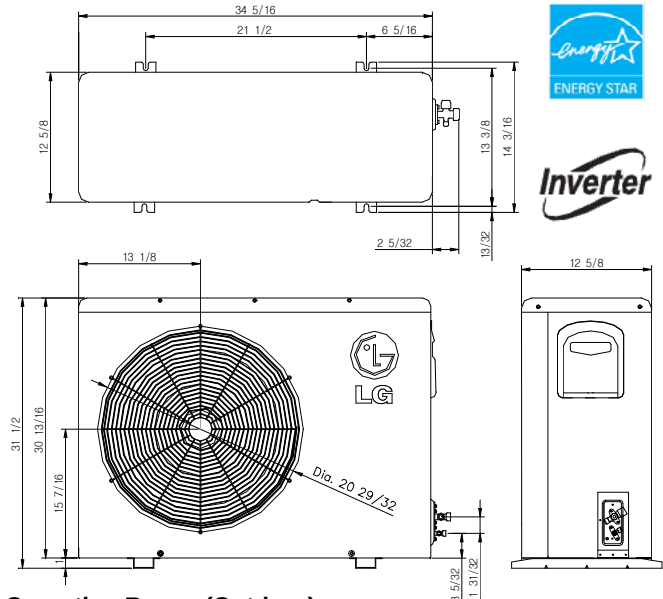
- Limited Five Year Compressor Warranty
- Limited Three Year Functional Parts Warranty
- Inverter (Variable Speed Compressor)
- Plasma Air Purifying System
- Chaos Swing Air Circulation
- Jet Cool™
- Auto Restart
- Gold Fin™ Anti-Corrosion
- Built-in Low Ambient Standard down to 14°F (cooling mode)

#### Note :

#### LAN180HSV



#### LAU180HSV



#### Operating Range (Outdoor) :

|              |        |
|--------------|--------|
| Cooling (°F) | 14-118 |
| Heating (°F) | 5-75   |

#### Accessory Option :

- Wired Wall Thermostat – PQRCVSL0(QW)