

Job: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Schedule No.: \_\_\_\_\_  
 System Designation: \_\_\_\_\_

Engineer: \_\_\_\_\_  
 Architect: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Date: \_\_\_\_\_

For:      Reference      Approval      Review      Construction

## Heat Recovery Outdoor Unit

### FEATURES

- Split coil heat exchanger
- High-efficiency vapor injection inverter compressor
- Hinged service doors
- Dual hinged electrical boxes for ease of maintenance
- Intelligent Duty Cycle operation
- Built-in service console
- Night Silent operation
- Built-in base pan heater
- Low Ambient Cooling

### WARRANTY

- Compressor - 10-year limited warranty
- All other components - 10-year limited warranty
- \*See warranty for details

### SPECIFICATIONS

#### PERFORMANCE

|  |                    |         |
|--|--------------------|---------|
| Cooling Capacity <sup>1</sup> (Btu/h)              | Nominal            | 120,000 |
|  | Rated <sup>2</sup> | 115000  |
| EER  | Ducted             | 11.3    |
|  | Non-Ducted         | 11.4    |
| IEER   | Ducted             | 20.4    |
|  | Non-Ducted         | 21.3    |
| Simultaneous Heating and Cooling Efficiency (SCHE) | Ducted             | 30      |
|  | Non-Ducted         | 32      |
| Heating Capacity <sup>1</sup> (Btu/h)              |                    | 129,000 |
| COP47  | Ducted             | 3.64    |
|  | Non-Ducted         | 3.56    |
| COP17  | Ducted             | 2.59    |
|  | Non-Ducted         | 2.47    |

#### ELECTRICAL DATA

|                                    |          |
|------------------------------------|----------|
| Power Supply (Volts/Phase/Hertz)   | 460/3/60 |
| Minimum Circuit Ampacity (A)       | 29.5     |
| Maximum Overcurrent Protection (A) | 30       |
| Compressor RLA (A)                 | 21       |
| Number of Compressors              | 1        |
| Outdoor Fan Power Input (W)        | 820/930  |
| Outdoor Fan FLA (A)                | 1.5/1.7  |

#### GENERAL DATA

|  |          |
|--|----------|
| Connection Ratio                       | 50%-130% |
| Maximum Number of Indoor Units         | 22       |
| Refrigerant Type                       | R410A    |
| Factory Refrigerant Charge (each unit) | 23.8     |

#### NOTES

1. Cooling and Heating capacity data is rated at the following conditions:  
 Cooling: 80°FDB / 67°FWB Indoor, 95°FDB Outdoor  
 Heating: 70°FDB Indoor, 47°FDB / 43°FWB Outdoor.
2. Complies with AHRI 1230-2014 testing standards
3. Operating Voltage Range 410V to 525V
4. To achieve cooling lower than 5°F a Low ambient hood must be installed. This is purchased as an accessory.
5. A local 115V power outlet is available as an accessory to provide local power for maintenance.



#### DIMENSIONS

|                      |        |        |
|----------------------|--------|--------|
| Unit Dimensions (in) | Height | 64-3/8 |
|                      | Width  | 52-3/4 |
|                      | Depth  | 31-1/2 |

#### Main System Piping (in)

|                        |       |
|------------------------|-------|
| Liquid Pipe Connection | 5/8   |
| High Pressure Gas Pipe | 1-1/8 |
| Low Pressure Gas Pipe  | 1-1/8 |

#### Balancing Pipework between Modules (in)

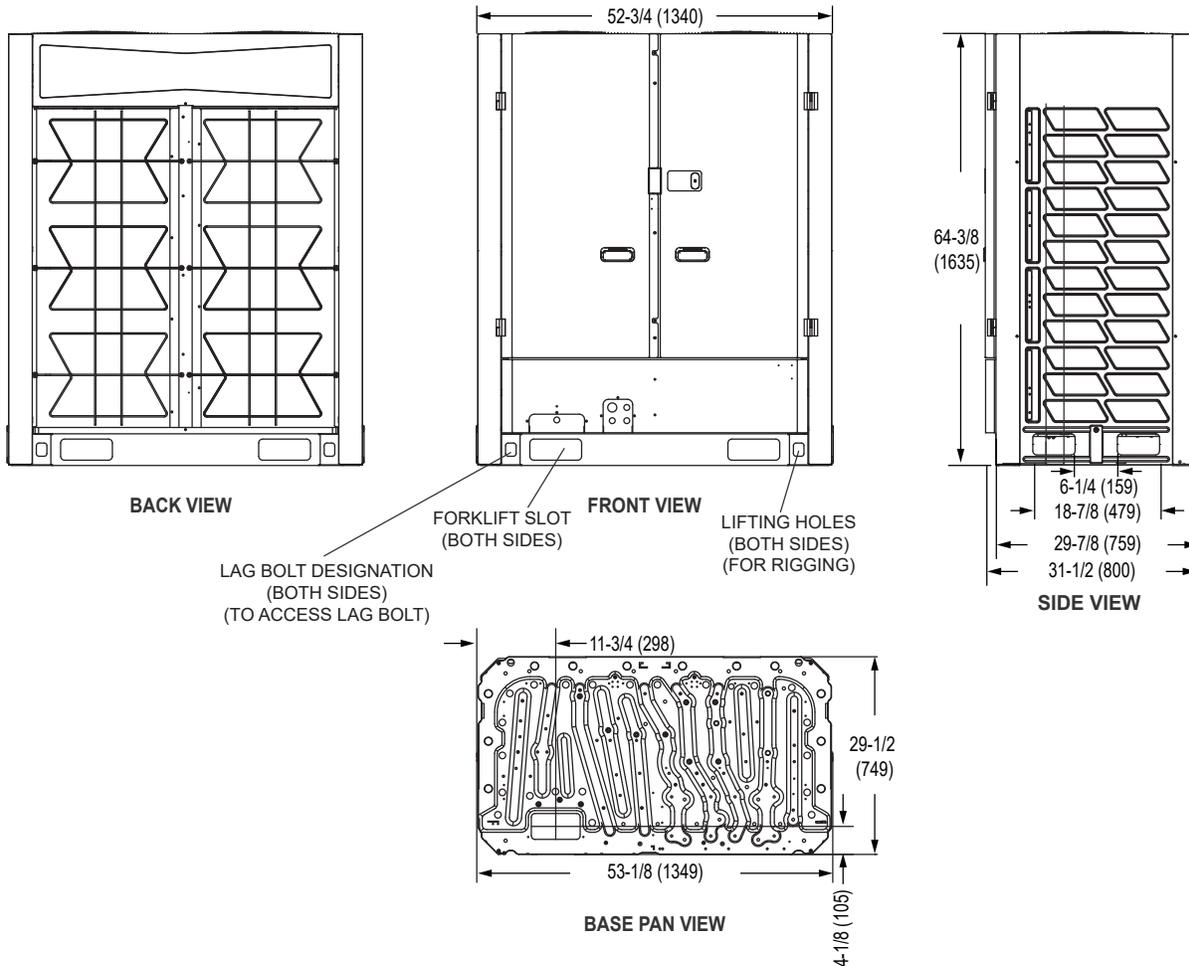
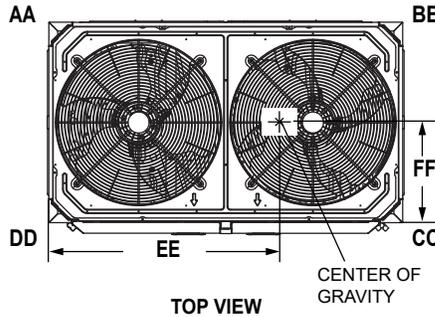
|                             |     |
|-----------------------------|-----|
| Gas Balance Pipe Connection | 3/4 |
| Oil Balance Pipe Connection | 1/4 |
| Unit Net Weight (lb)        | 794 |



NOTE - Due to Lennox' ongoing commitment to quality, Specifications, Ratings and Dimensions subject to change without notice and without incurring liability. Improper installation, adjustment, alteration, service or maintenance can cause property damage or personal injury. Installation and service must be performed by a qualified installer and servicing agency.

**DIMENSIONAL DRAWINGS - INCHES (MM)**

| CORNER WEIGHTS |    |      |    |      |    |      |     | CENTER OF GRAVITY |     |        |     |
|----------------|----|------|----|------|----|------|-----|-------------------|-----|--------|-----|
| AA             |    | BB   |    | CC   |    | DD   |     | EE                |     | FF     |     |
| lbs.           | kg | lbs. | kg | lbs. | kg | lbs. | kg  | in.               | mm  | in.    | mm  |
| 121            | 55 | 203  | 92 | 211  | 96 | 251  | 114 | 27-3/4            | 705 | 12-1/4 | 311 |



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