

**SPLIT TYPE**

**LILAC**

**Model:  
KW12HQ3B8D**



| Item                           | Unit   | Specification           |
|--------------------------------|--------|-------------------------|
| ODU Model                      | —      | KW12HQ3B8DO             |
| IDU Model                      | —      | KW12HQ3B8DI             |
| <b>System Ratings</b>          |        |                         |
| Cooling Capacity               | Btu/h  | 12,000                  |
| Heating Capacity (47°F)        | Btu/h  | 13,000                  |
| Heating Capacity (17°F)        | Btu/h  | 7,500                   |
| Cooling Capacity Range         | Btu/h  | 3,753-12,500            |
| Heating Capacity Range         | Btu/h  | 3,924-14,000            |
| Cooling Power Input (Max)      | W      | 1,350                   |
| Heating Power Input (Max)      | W      | 1,500                   |
| SEER                           | —      | 18.0                    |
| HSPF                           | —      | 9.0                     |
| EER                            | W/W    | 10.4                    |
| COP                            | W/W    | 3.05                    |
| Cooling Operation Range        | °F(°C) | 0~115.0 (-18.0~46.0)    |
| Heating Operation Range        | °F(°C) | -13.0~75.0 (-25.0~24.0) |
| Gas Pipe Size (OD)             | Inch   | 3/8                     |
| Liquid Pipe Size (OD)          | Inch   | 1/4                     |
| Connection Method              | —      | Flared                  |
| Factory Charge                 | oz     | 31.8                    |
| Additional Charge              | oz/ft  | 0.2                     |
| Pre-Charge Length              | ft.    | 25                      |
| MAX Refrigerant Length         | ft.    | 100                     |
| Min Refrigerant Pipe Length    | ft.    | 10                      |
| MAX Refrigerant Pipe Elevation | ft.    | 65                      |
| <b>Indoor Unit Data</b>        |        |                         |
| Fan Motor Power Output         | W      | 20                      |
| Fan Motor FLA                  | A      | 0.31                    |
| Air Flow Volume                | CFM    | 194/400                 |
| Sound Pressure Level           | dB(A)  | 29/43                   |
| Dehumidication                 | pt/hr  | 2.69                    |
| Power Supply                   | —      | 208/230V / 1Ph / 60Hz   |
| Min/Max Voltage                | V      | 187-253                 |
| MCA                            | A      | 9.0                     |
| MOCP/Breaker Size              | A      | 15.0                    |
| <b>Outdoor Unit Data</b>       |        |                         |
| Compressor Type                | —      | DC Inverter Rotary      |
| Compressor RLA                 | A      | 6.60                    |
| Refrigerant Type               | —      | R410A                   |
| Fan Motor Power Output         | W      | 30                      |
| Fan Motor FLA                  | A      | 0.37                    |
| Sound Pressure Level           | dB(A)  | 53                      |
| Power Supply                   | —      | 208/230V / 1Ph / 60Hz   |
| Min/Max Voltage                | V      | 187-253                 |
| Main Supply Wire Size          | —      | 12-2 AWG                |
| MCA                            | A      | 9.0                     |
| MOCP/Breaker Size              | A      | 15.0                    |

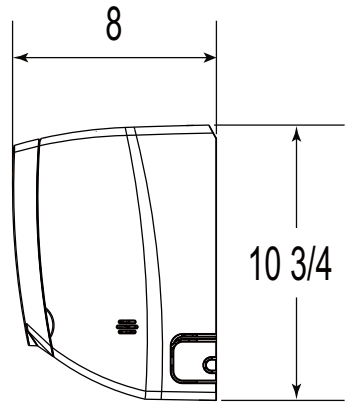
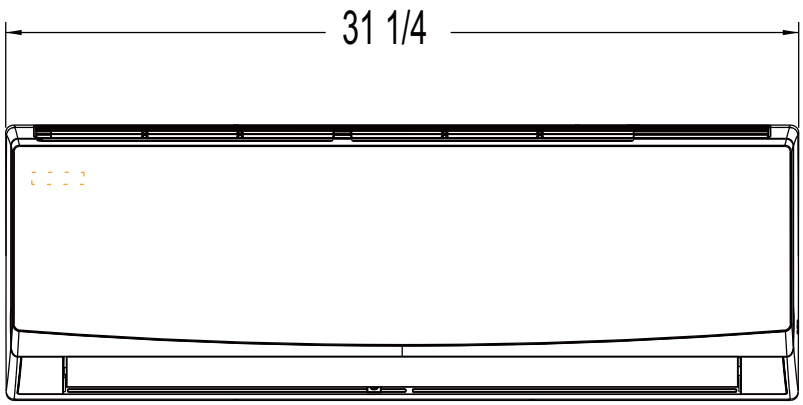
**Job Name:**

**Schedule Reference:**

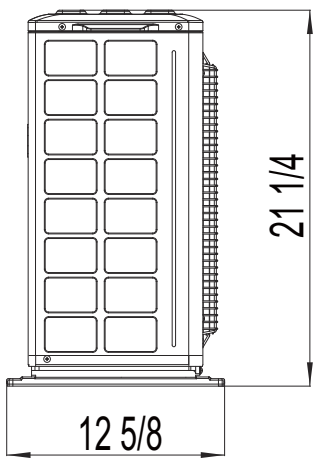
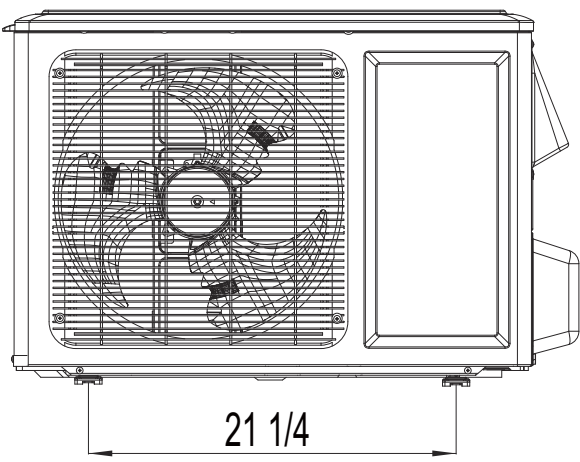
**Date:**



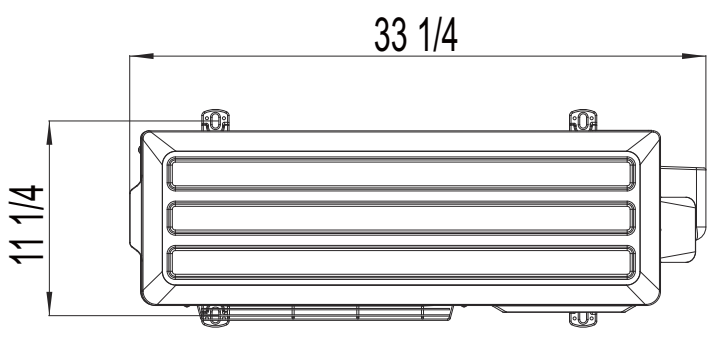
Outline and Physical Dimension of KW12HQ3B8D.



Units: inc



Units: inc



|                  |    |      |
|------------------|----|------|
| Net Weight IDU   | lb | 23.2 |
| Gross Weight IDU | lb | 27.6 |
| Net Weight ODU   | lb | 69.5 |
| Gross Weight ODU | lb | 75   |





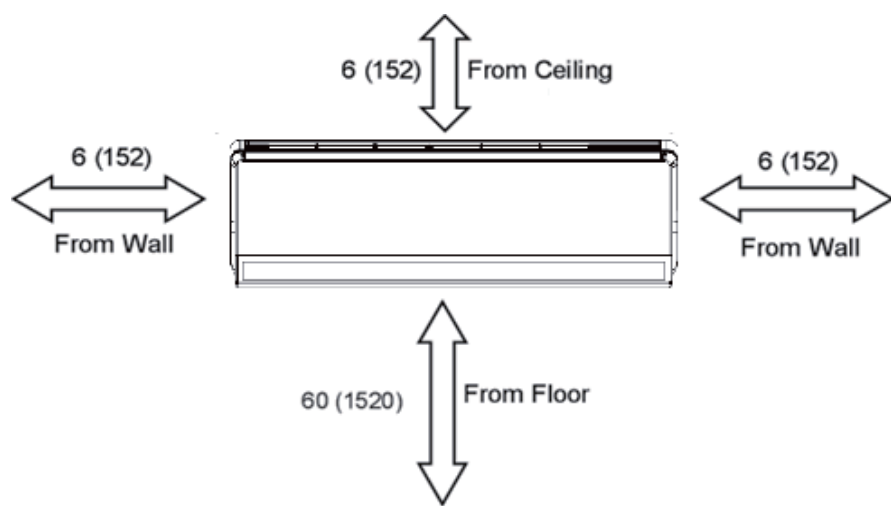
**DIMENSIONAL SPECIFICATIONS**

**KW12HQ3B8D**

**MINIMUM SPACING REQUIREMENTS**

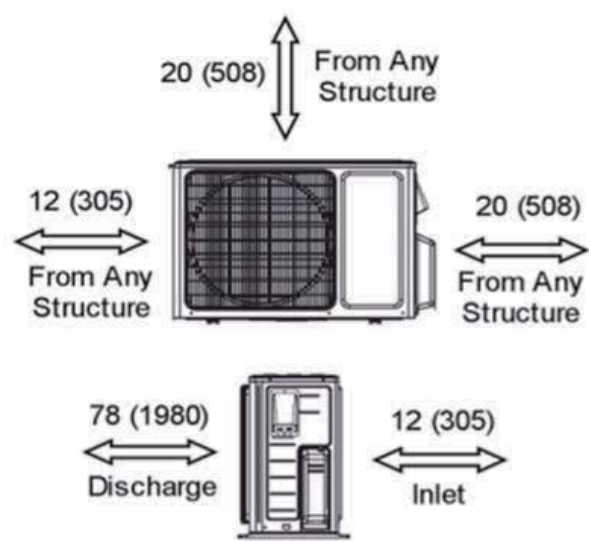
Units: inch (mm)

**INDOOR**



Units: inch (mm)

**OUTDOOR**



| COOLING PERFORMANCE (BtuH)*         |                                  |      |         |      |         |      |
|-------------------------------------|----------------------------------|------|---------|------|---------|------|
| Outdoor Ambient Temperature (DB) °F | Indoor Entering Air Temperatures |      |         |      |         |      |
|                                     | 68°F DB                          |      | 74°F DB |      | 80°F DB |      |
|                                     | 57°F WB                          |      | 61°FWB  |      | 67°FWB  |      |
|                                     | TC                               | SHC  | TC      | SHC  | TC      | SHC  |
| 0°F                                 | 6113                             | 4432 | 6435    | 4665 | 6774    | 4911 |
| 5°F                                 | 6785                             | 4953 | 7142    | 5214 | 7518    | 5488 |
| 17°F                                | 7710                             | 5667 | 8116    | 5965 | 8543    | 6279 |
| 23°F                                | 8116                             | 6006 | 8543    | 6322 | 8993    | 6655 |
| 32°F                                | 9018                             | 6718 | 9492    | 7072 | 9992    | 7444 |
| 41°F                                | 9492                             | 7119 | 9992    | 7494 | 10518   | 7888 |
| 50°F                                | 9816                             | 7411 | 10333   | 7801 | 10876   | 8212 |
| 57°F                                | 10140                            | 7706 | 10674   | 8112 | 11236   | 8539 |
| 67°F                                | 10450                            | 7994 | 11000   | 8415 | 11579   | 8858 |
| 75°F                                | 10738                            | 8268 | 11303   | 8703 | 11898   | 9161 |
| 86°F                                | 11245                            | 8715 | 11837   | 9174 | 12460   | 9657 |
| 95°F                                | 10830                            | 8447 | 11400   | 8892 | 12000   | 9360 |
| 104°F                               | 10559                            | 8289 | 11115   | 8725 | 11700   | 9185 |
| 113°F                               | 10242                            | 8092 | 10782   | 8517 | 11349   | 8966 |
| 122°F                               | /                                | /    | /       | /    | /       | /    |
| 129°F                               | /                                | /    | /       | /    | /       | /    |

| HEATING PERFORMANCE (BtuH)*      |                                  |     |         |     |         |     |
|----------------------------------|----------------------------------|-----|---------|-----|---------|-----|
| Outdoor Ambient Temperature (DB) | Indoor Entering Air Temperatures |     |         |     |         |     |
|                                  | 68°F DB                          |     | 70°F DB |     | 80°F DB |     |
|                                  | 57°FWB                           |     | 60°FWB  |     | 67°FWB  |     |
|                                  | TC                               | SHC | TC      | SHC | TC      | SHC |
| -31°F                            | /                                |     | /       |     | /       |     |
| -22°F                            | 6647                             |     | 6588    |     | 6384    |     |
| -13°F                            | 6888                             |     | 6740    |     | 6548    |     |
| -5°F                             | 7063                             |     | 6890    |     | 6788    |     |
| 0°F                              | 7216                             |     | 7036    |     | 6970    |     |
| 5°F                              | 7369                             |     | 7211    |     | 7021    |     |
| 10°F                             | 8278                             |     | 7846    |     | 7698    |     |
| 17°F                             | 8606                             |     | 8100    |     | 8013    |     |
| 20°F                             | 9985                             |     | 8787    |     | 8596    |     |
| 24°F                             | 10268                            |     | 9258    |     | 9101    |     |
| 32°F                             | 12367                            |     | 12264   |     | 10888   |     |
| 41°F                             | 13189                            |     | 13053   |     | 12576   |     |
| 43°F                             | 13486                            |     | 13291   |     | 12797   |     |
| 47°F                             | 13316                            |     | 13000   |     | 12618   |     |
| 53°F                             | 12886                            |     | 12621   |     | 12401   |     |
| 59°F                             | 12299                            |     | 12233   |     | 12084   |     |
| 64°F                             | 11979                            |     | 11864   |     | 11735   |     |
| 70°F                             | 11304                            |     | 11186   |     | 11076   |     |
| 75°F                             | 11086                            |     | 10635   |     | 10361   |     |
| 78°F                             | 10160                            |     | 10145   |     | 9904    |     |

\* Maximum system capacity

TC- Total Capacity ( BtuH)  
 SHC- Sensible Capacity (BtuH)