

Project Name: **small sunline**

Unit Model #: **KE060H12A1AAAAA1A1**

Quantity: **1**

System: **KE060H12A1AAAAA1A1**

## Cooling Performance

|                              |             |
|------------------------------|-------------|
| Total gross capacity         | 62.2 MBH    |
| Sensible gross capacity      | 45.3 MBH    |
| Seasonal Efficiency (at ARI) | 13.40 SEER2 |
| Efficiency (at ARI)          | EER         |
| Efficiency (at ARI)          | 11.40 EER2  |
| Ambient DB temp.             | 95.0 °F     |
| Entering DB temp.            | 80.0 °F     |
| Entering WB temp.            | 67.0 °F     |
| Evap Coil Leaving DB temp.   | 59.4 °F     |
| Evap Coil Leaving WB temp.   | 57.4 °F     |
| Unit Leaving DB temp.        | 60.7 °F     |
| Unit Leaving WB temp.        | 57.8 °F     |
| Leaving air temp dew point   | 56.10 °F    |
| Power input (w/o blower)     | 4.20 kW     |
| Sound power                  | 82 dB(a)    |

## Refrigerant

|                  |           |
|------------------|-----------|
| Refrigerant type | R-454B    |
| Sys1             | 5 lb 4 oz |

## Gas Heating Performance

|                               |           |
|-------------------------------|-----------|
| Entering DB temp.             | 60 °F     |
| Heating output capacity (Max) | 100.0 MBH |
| Supply air                    | 2042 cfm  |
| Heating input capacity (Max)  | 125 MBH   |
| Leaving DB temp.              | 105.3 °F  |
| Air temp. rise                | 45.3 °F   |
| AFUE                          | 81.0 %    |
| Stages                        | 1         |

## Supply Air Blower Performance

|                          |          |
|--------------------------|----------|
| Supply air               | 2042 cfm |
| Ext. static pressure     | 0.3 IWG  |
| Blower speed             | 948 rpm  |
| Blower speed description | MED/HI   |
| Duct location            | Bottom   |
| Motor rating             | 1.00 HP  |
| Actual required BHP      | 0.84 HP  |
| Power input              | 0.78 kW  |
| Elevation                | 0 ft     |
| Drive type               | DIRECT   |
| Speed tap                | 4        |

## Electrical Data

|                                  |          |          |
|----------------------------------|----------|----------|
| Power supply                     | 208-1-60 | 230-1-60 |
| Unit min circuit ampacity        | 40 A     | 40 A     |
| Unit max over-current protection | 60 A     | 60 A     |

## Dimensions & Weight

|                                       |           |           |
|---------------------------------------|-----------|-----------|
| Hgt 33 in                             | Len 83 in | Wth 45 in |
| Weight with factory installed options |           | 707 lb    |

## Clearances

|       |       |        |       |      |       |
|-------|-------|--------|-------|------|-------|
| Right | 24 in | Front  | 32 in | Rear | 12 in |
| Top   | 72 in | Bottom | 0 in  | Left | 24 in |

Note: Please refer to the tech guide for listed maximum static pressures



## Unit Features

- Refrigerant Detection System (RDS) is Factory Installed
- Single Stage Gas Aluminum Steel
- Single Stage Cooling
- 125 MBH Input
- Unit Cabinet Constructed of Powder Painted Steel, Certified At 750 Hours Salt Spray Test (ASTM B-117 Standards)
- Either Supply and/or Return can be Field Converted from Vertical to Horizontal Configuration without Cutting Panels.
- Full Perimeter Base Rails with Built in Rigging Capabilities
- Scroll Compressor
- 1 HP Direct Drive Blower
- Unit Ships with 1" Throwaway Filters
- Solid Core Liquid Line Filter Driers
- Replacement Filters: 2 - (15" x 20" x 1" or 2") and 1 - (14" x 25" x 1" or 2"). Unit accepts 1" or 2" wide filters.
- Single Point Power Connection
- Through-the-Curb and Through-The-Base Utility Connections
- Short Circuit Current: 5kA RMS Symmetrical
- Microchannel All Aluminum Condenser Coil, Copper tube/Aluminum fin Evaporator Coil
- Galvanized Steel Drain Pan
- Standard Access Doors

## 5 Ton

- York Units are Manufactured at an ISO 9001 Registered Facility and Each Rooftop is Completely Computer-Run Tested Prior to Shipment.

## BAS Controller

- Smart Equipment Controller including Discharge Air, Return Air, and Outdoor Air Temperature Sensors.

## Standard Unit Controller: Smart Equipment Control Board

- An Integrated Low-Ambient Control, Anti-Short Cycle Protection, Lead-Lag, Fan On and Fan off Delays, Low Voltage Protection, On-Board Diagnostic and Fault Code Display. Allows all units to operate in the cooling mode down to 0 °F outdoor ambient without additional components or intervention.
- Safety Monitoring - Monitors the High and Low-Pressure Switches, the Freezestats, the Gas Valve, if Applicable, and the Temperature Limit Switch on Gas and Electric Heat Units. The Unit Control Board will Alarm on Ignition Failures, Safety Lockouts and Repeated Limit Switch Trips.

## Warranty

- One (1) Year Limited Warranty on the Complete Unit
- Five (5) Year Warranty - Compressors and Electric Heater Elements
- Ten (10) Year Warranty - Aluminized Heat Exchanger

Project Name: **small sunline**Unit Model #: **KE060H12A1AAAAA1A1**Quantity: **1**System: **KE060H12A1AAAAA1A1****Additional Electrical Data**

|                                  |              |
|----------------------------------|--------------|
| Power supply                     | 208-1-60     |
| Unit min circuit ampacity        | 40 A         |
| Unit max over-current protection | 60 A         |
| Min Voltage                      | 187 V        |
| Max Voltage                      | 252 V        |
| Comp #1 RLA                      | 23.7         |
| Comp #1 LRA                      | 157.0        |
| Indoor Mtr Voltage               | 208-1-60     |
| Indoor Mtr FLA                   | 7.6          |
| Outdoor Mtr Qty                  | 1            |
| Outdoor Fan Voltage              | 208-1-60     |
| OD Fan Mtr FLA (ea.)             | 2.8          |
| Combustion Mtr Qty               | 1            |
| Combustion Motor Voltage         | 208/230-1-60 |
| Combustion Mtr FLA (ea)          | 0.8          |

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## Factory Installed Options

### KE060H12A1AAAAA1A1

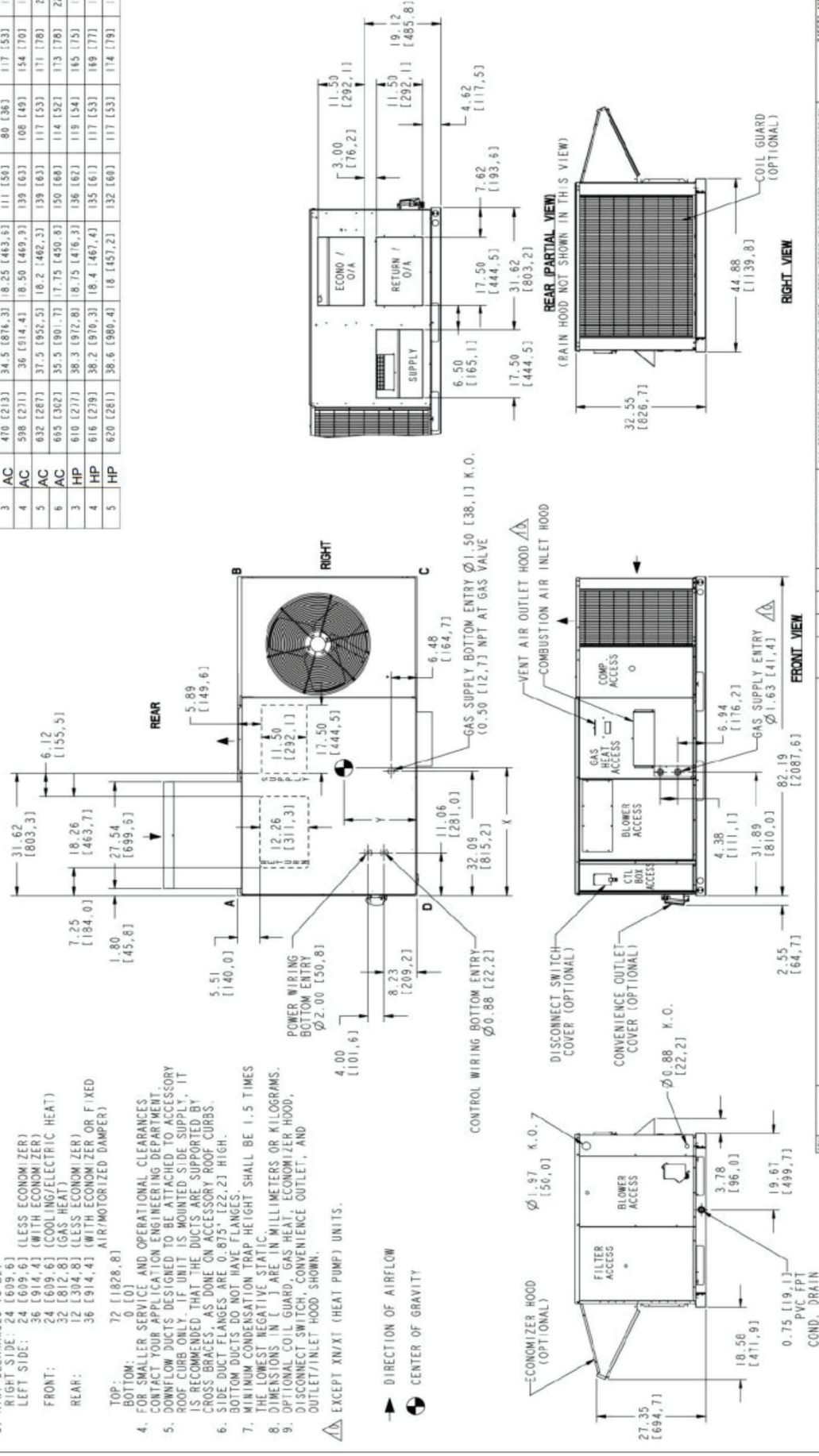
| Equipment Options                    |            | Option(s) Selected                                                                                      |
|--------------------------------------|------------|---------------------------------------------------------------------------------------------------------|
| Product Category:                    | <b>KE</b>  | Single Packaged R-454B Air Conditioner<br>DOE FER Compliant<br>11.4 EER2 / 13.4 SEER2                   |
| Nominal Cooling Capacity:            | <b>060</b> | 5 Ton<br>Single Stage Cooling                                                                           |
| Heat Type and Nominal Heat Capacity: | <b>H12</b> | Single Stage Gas Aluminum Steel<br>125 MBH Input                                                        |
| Blower Option:                       | <b>A</b>   | 1 HP Direct Drive Blower<br>Direct Drive                                                                |
| Voltage:                             | <b>1</b>   | 208/230-1-60                                                                                            |
| Outside Air Option:                  | <b>A</b>   |                                                                                                         |
| Service Options:                     | <b>A</b>   |                                                                                                         |
| Sensor Options:                      | <b>A</b>   | Refrigerant Detection System                                                                            |
| Controls:                            | <b>A</b>   | Smart Equipment Controller including Discharge Air,<br>Return Air, and Outdoor Air Temperature Sensors. |
| Refrigeration:                       | <b>A</b>   | Microchannel All Aluminum Condenser Coil, Copper<br>tube/Aluminum fin Evaporator Coil                   |
| Additional Options:                  | <b>1</b>   | 1" Throwaway Filters                                                                                    |
| Cabinet Options:                     | <b>A</b>   | Galvanized Steel Drain Pan<br>Standard Access Doors                                                     |
| Product Generation:                  | <b>1</b>   |                                                                                                         |

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## NOTES:

1. FOR OUTDOOR USE ONLY  
2. WEIGHTS SHOWN ARE FOR COOLING ONLY UNITS.  
3. MIN. CLEARANCES TO BE:  
RIGHT SIDE: 24 [609.6]  
LEFT SIDE: 24 [609.6] (LESS ECONOMIZER)  
24 [609.6] (WITH ECONOMIZER)  
FRONT: 24 [609.6] (COOLING/ELECTRIC HEAT)  
25 [612.8] (GAS HEAT)  
REAR: 12 [304.8] (LESS ECONOMIZER)  
12 [304.8] (WITH ECONOMIZER OR FIXED AIR/MOTORIZED DAMPER)  
TOP: 72 [1828.8]  
BOTTOM: 0 [0]  
4. FOR SMALLER SERVICE AND OPERATIONAL CLEARANCES, CONTACT YOUR APPLICATION ENGINEERING DEPARTMENT.  
5. DOWNFLOW DUCTS DESIGNED TO BE ATTACHED TO ACCESSORY ROOF CURB ONLY. IF UNIT IS MOUNTED SIDE SUPPLY, IT IS RECOMMENDED THAT THE DUCTS ARE SUPPORTED BY CROSS BRACES, AS DONE ON ACCESSORY ROOF CURBS.  
6. SIDE DUCT FLANGES ARE 0.875" T22, 21 HIGH.  
7. BOTTOM DUCTS DO NOT HAVE FLANGES.  
8. MINIMUM CONDENSATION TRAP HEIGHT SHALL BE 1.5 TIMES THE LOWEST NEGATIVE STATIC HEAD.  
9. DIMENSIONS IN [ ] ARE IN MILLIMETERS OR KILOGRAMS.  
10. OPTIONAL COIL GUARD, GAS HEAT ECONOMIZER HOOD, DISCONNECT SWITCH, CONVENIENCE OUTLET, AND OUTLET/INLET HOOD SHOWN.

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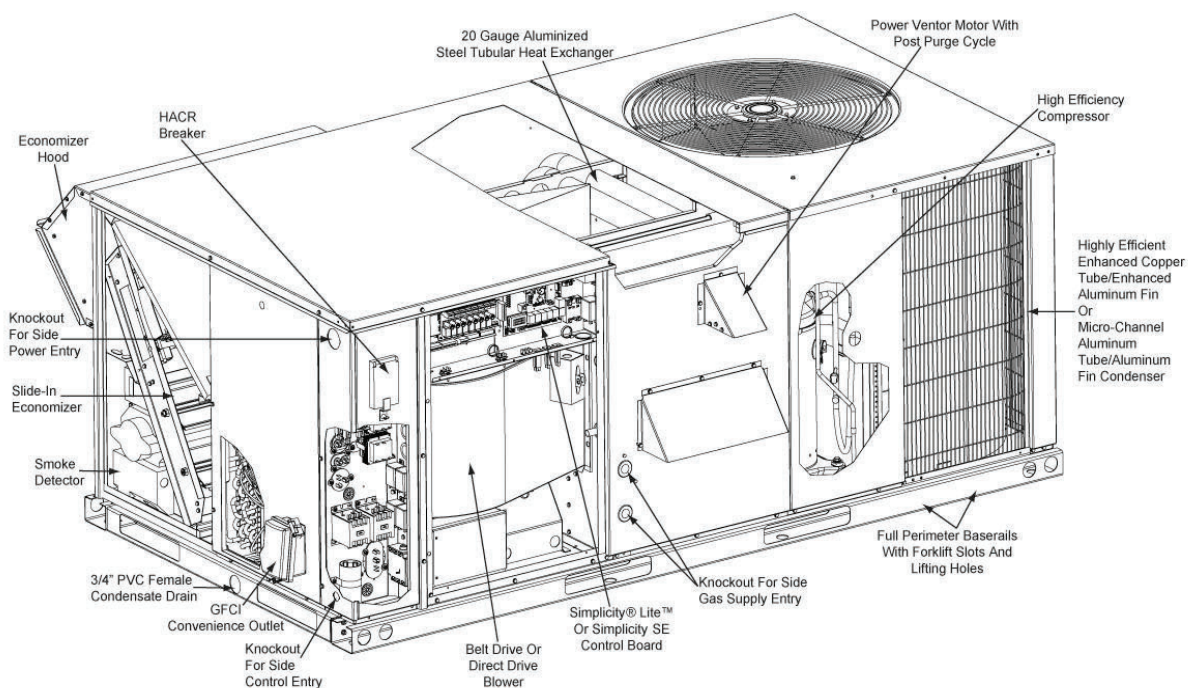
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**Component Location**

**Component Location**

**Gas/Electric**



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## Typical Application

