

Project Name: **small sunline**

Unit Model #: **KE060C00B4AAAAA1A1**

Quantity: **1**

System: **KE060C00B4AAAAA1A1**

Cooling Performance

Total gross capacity	61.9 MBH
Sensible gross capacity	44.8 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.	59.3 °F
Evap Coil Leaving WB temp.	57.2 °F
Unit Leaving DB temp.	60.8 °F
Unit Leaving WB temp.	57.8 °F
Leaving air temp dew point	55.90 °F
Power input (w/o blower)	4.20 kW
Sound power	82 dB(a)

Refrigerant

Refrigerant type	R-454B
Sys1	5 lb 4 oz

Supply Air Blower Performance

Supply air	2000 cfm
Ext. static pressure	0.6 IWG
Addl. Unit Losses (Options/Accessories)	-0.18 IWG
Blower speed	1009 rpm
Max BHP of Motor (including service factor)	1.73 HP
Duct location	Bottom
Motor rating	1.50 HP
Actual required BHP	1.05 HP
Power input	0.98 kW
Elevation	0 ft
Drive type	BELT

Electrical Data

Power supply	460-3-60
Unit min circuit ampacity	12.4 A
Unit max over-current protection	15 A

Dimensions & Weight

Hgt 33 in	Len 83 in	Wth 45 in
Weight with factory installed options		642 lb

Clearances

Right	24 in	Front	24 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



Electrical Data shown is for Cooling Only. For MCA and MOCP with electric heat kits, please see last page.



Unit Features

- Refrigerant Detection System (RDS) is Factory Installed
- Single Stage Cooling
- 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
- 1.5 HP Standard Static Belt 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

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Power supply	460-3-60
Unit min circuit ampacity	12.4 A
Unit max over-current protection	15 A
Min Voltage	432 V
Max Voltage	504 V
Comp #1 RLA	7.1
Comp #1 LRA	69.0
Indoor Mtr Voltage	460-3-60
Indoor Mtr FLA	2.1
Outdoor Mtr Qty	1
OD Fan Mtr FLA (ea.)	2.8

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Factory Installed Options

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Equipment Options		Option(s) Selected
Product Category:	KE	Single Packaged R-454B Air Conditioner 11.4 EER2 / 13.4 SEER2
Nominal Cooling Capacity:	060	5 Ton Single Stage Cooling
Heat Type and Nominal Heat Capacity:	C00	
Blower Option:	B	1.5 HP Standard Static Belt Drive Blower
Voltage:	4	460-3-60
Outside Air Option:	A	
Service Options:	A	
Sensor Options:	A	Refrigerant Detection System
Controls:	A	Smart Equipment Controller including Discharge Air, Return Air, and Outdoor Air Temperature Sensors.
Refrigeration:	A	Microchannel All Aluminum Condenser Coil, Copper tube/Aluminum fin Evaporator Coil
Additional Options:	1	1" Throwaway Filters
Cabinet Options:	A	Galvanized Steel Drain Pan Standard Access Doors
Product Generation:	1	



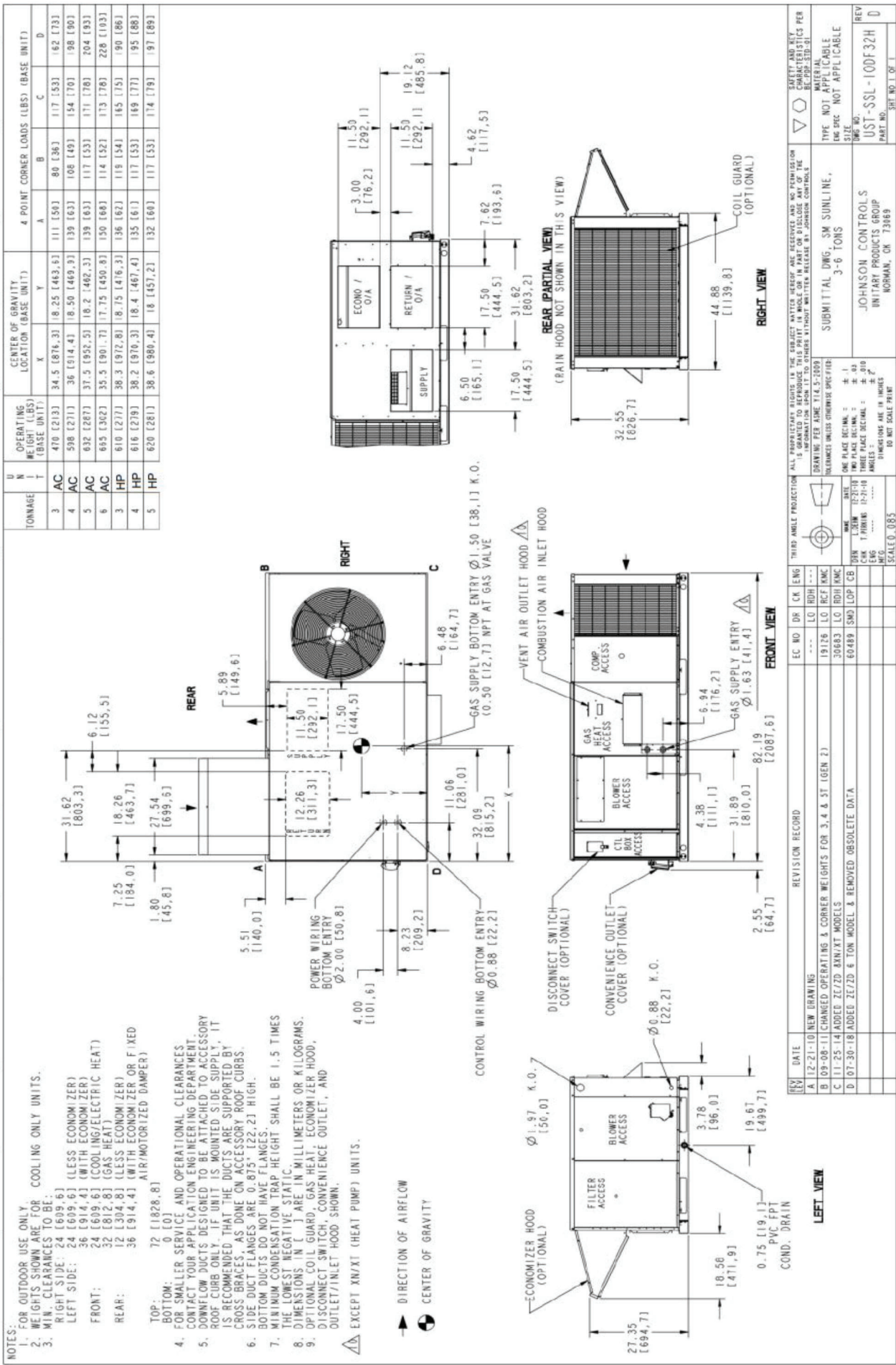
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Consolidated Drawing



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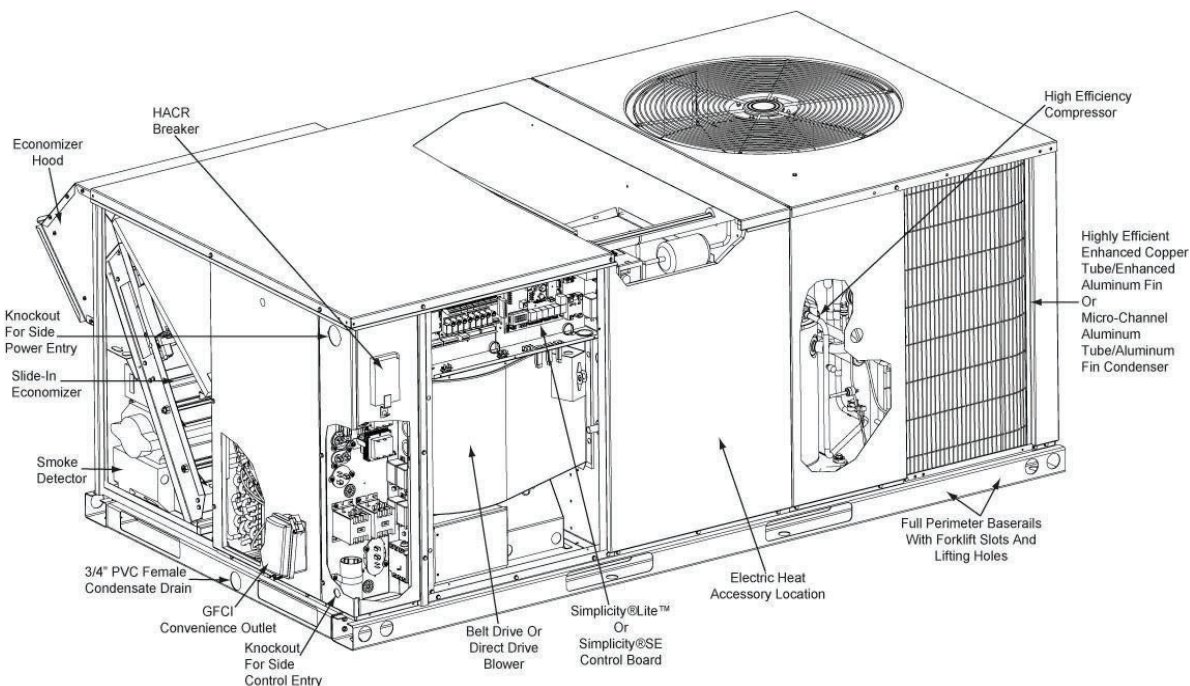
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Component Location

Component Location

Electric/Electric and Heat Pump

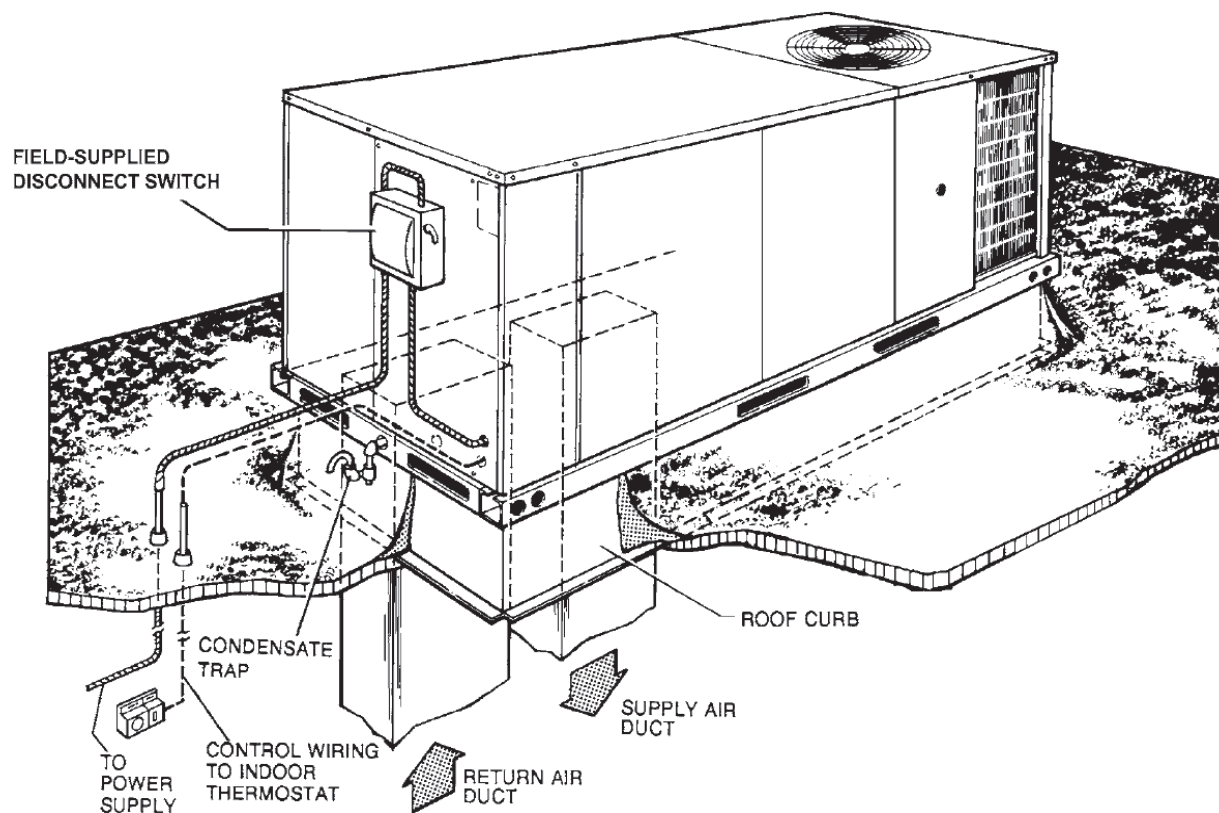
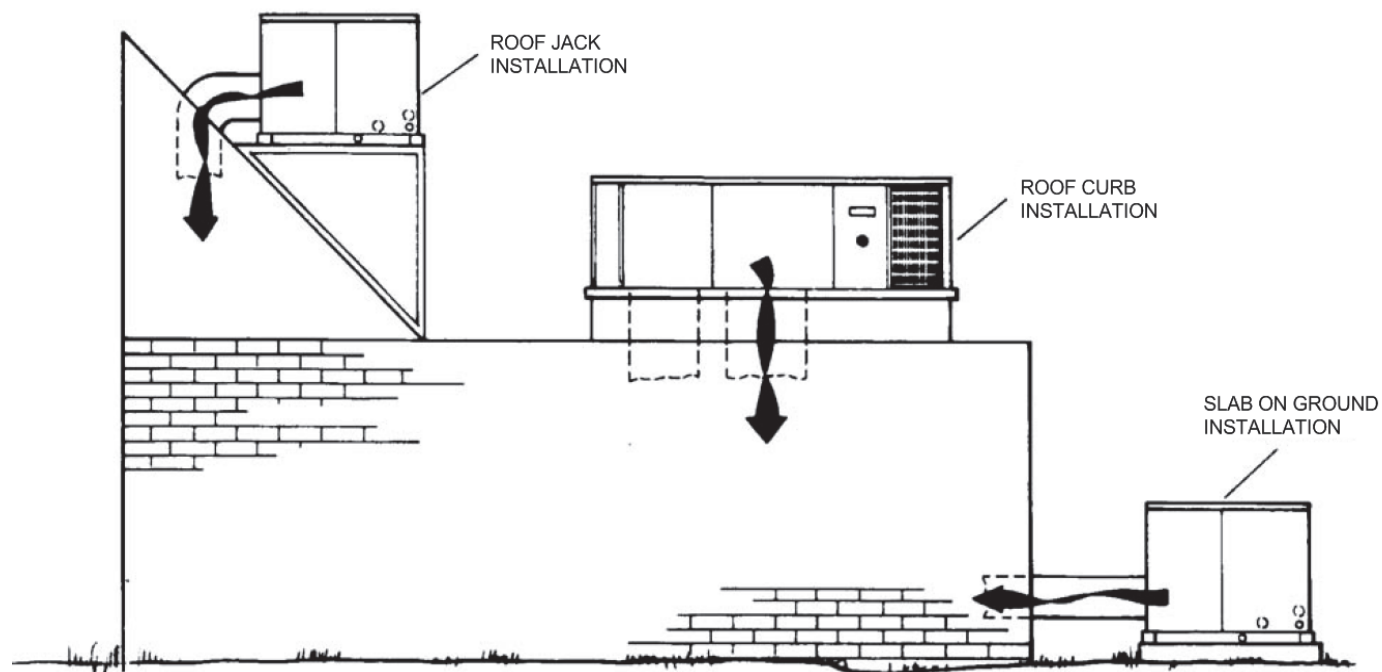


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Typical Application



5 ton 460/3 with Standard Belt Drive Blower

KE036-072 standard indoor blower without powered convenience outlet (continued)

Size (ton)	Volt	Compressors (each)			OD fan motors (each)	Supply blower motor	Pwr conv outlet	Electric heat accessory				MCA ¹ (A)	Max fuse ² / breaker ³ size (A)
		RLA	LRA	MCC				FLA	FLA	FLA	Model		
060 (5)	208-1-60	23.7	157	37	2.8	6.7		None	-	-	-	39.1	50
								E05	4	1	19.2	39.1	50
								E07	5.6	1	26.9	42	60
								E10	8	1	38.5	56.5	60
								E15	11.9	1	57.2	79.9	80
								E20	15.9	2	76.4	103.9	110
	230-1-60	23.7	157	37	2.8	6.7		E30	22.2	2	106.7	141.8	150
								None	-	-	-	39.1	50
								E05	5.3	1	22.1	39.1	50
								E07	7.5	1	31.3	47.5	60
								E10	10.6	1	44.2	63.6	70
								E15	15.9	1	66.3	91.3	100
	208-3-60	16	156.4	25	2.8	4.3		E20	21.2	2	88.3	118.8	125
								E30	29.6	2	123.3	162.5	175
								None	-	-	-	27.1	35
								E05	4	1	11.1	27.1	35
								E07	5.6	1	15.5	27.1	35
								E10	8	1	22.2	33.1	40
	230-3-60	16	156.4	25	2.8	4.3		E15	11.9	1	33	46.6	50
								E20	15.9	2	44.1	60.5	70
								E30	22.2	2	61.6	82.4	90
								None	-	-	-	27.1	35
								E05	5.3	1	12.7	27.1	35
								E07	7.5	1	18	27.9	35
	460-3-60	7.1	69	11	2.8	2.1		E10	10.6	1	25.5	37.3	40
								E15	15.9	1	38.2	53.1	60
								E20	21.2	2	51	69.1	70
								E30	29.6	2	71.2	94.4	100
								None	-	-	-	12.4	15
								E07	6.8	1	8.2	12.9	15
	575-3-60	6.4	47.8	10	2.8	1.9		E10	10.1	1	12.1	17.8	20
								E15	13.6	1	16.4	23.1	25
								E20	19.5	2	23.5	32	35
								E30	28.8	2	34.6	45.9	50
								None	-	-	-	11	15
								E10	10.6	1	10.2	15.1	20
								E15	15.9	1	15.3	21.5	25
								E20	21.2	2	20.4	27.9	30
								E30	30.4	2	29.3	39	40