TECHNICAL SPECIFICATIONS

KG7S (A and K Series)

Single Stage Upflow/Horizontal and Downflow Gas Furnaces

Induced Draft - 80+ AFUE
Input 45,000 - 126,000 Btuh

The gas furnace may be installed free standing in a utility room, basement, or enclosed in an alcove or closet. The rounded corner jacket provides a pleasing "appliance appearance." Design certified by CSA for application in the United States and Canada.



This furnace series is approved and certified by the SCAQM and the SJVAPC Districts in the state of California under each Districts' Mitigation Fee Plan for shipment into and sales in both districts.

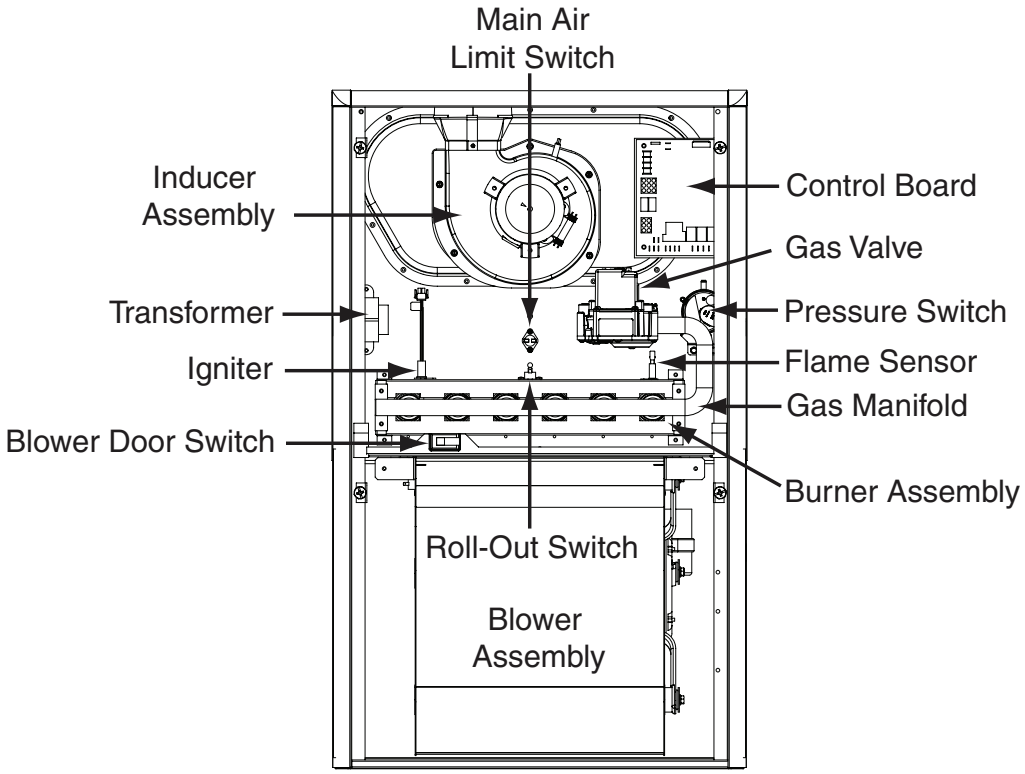
For California installations in SCAQMD only: This furnace does not meet the SCAQMD Rule 1111 NOx emission limit (14 ng/J), and thus is subject to a mitigation fee of up to $450. This furnace is not eligible for the Clean Air Furnace Rebate Program: www.CleanAirFurnaceRebate.com.

FEATURES and BENEFITS

- **100% fired and tested:** All units and each component are tested on the manufacturing line.
- **Best packaging in the industry:** Unique corner post design assures product will arrive to the homeowner dent free.
- **Low Boy Height:** Easy to apply in low ceiling applications, works well with taller high SEER coils, easier to handle and install.
- **Tubular primary heat exchanger:** Heavy gauge aluminized steel heat exchanger assures a long life.
- **30 second blower delay at start-up:** Assures a warm duct temperature at furnace start-up. Adjustable blower off settings (60, 90, 120 and 180 seconds).
- **30 second post purge:** Increases life of heat exchanger.
- **Hot surface ignitor:** Innovative application of an appliance type ignitor with a 20 year history of reliability. Utilizes proven Smartlite® technology.
- **Color coded wire harness:** Designed to fit the components, all with quick-connect fittings for ease of service and replacement.
- **High static blowers:** All models equipped with high static blowers.
- **60 second cooling cycle blower-off delay (TDR):** increases cooling performance when matched with a Nordyne coil.
- **Flexible category I venting system:** May be vented with dedicated venting system or common vented with other category one appliances.
- **High efficiency blower kits:** Maximize efficiencies and provide better temperature control, humidity control and air distribution.
- **Multi-speed direct drive blower:** Energy-efficient, brushless DC (ECM). Designed to give a wide range of cooling capacities. Switches on PCB, provide ultra easy motor speed selection.
- **LP convertible:** Simple burner orifice and regulator spring change for ease of convertibility.
- **Diagnostic lights for easy troubleshooting without counting flashes:** Dedicated light for flame signal strength and 2 lights in combination to indicate all other fault codes with easy to recognize states without counting flashes.
- **Integrated control board:** Incorporates connections for electronic air cleaner and humidifier. Ergonomically located for ease of service.
- **Two piece door design:** Enhances furnace appearance and uses captured screws to prevent loosing door screws.
- **Furnace Air Leakage:** These furnaces comply with Energy Star cabinet air leakage requirement of less than or equal to 2%. Keep the conditioned air flowing to where it's needed.

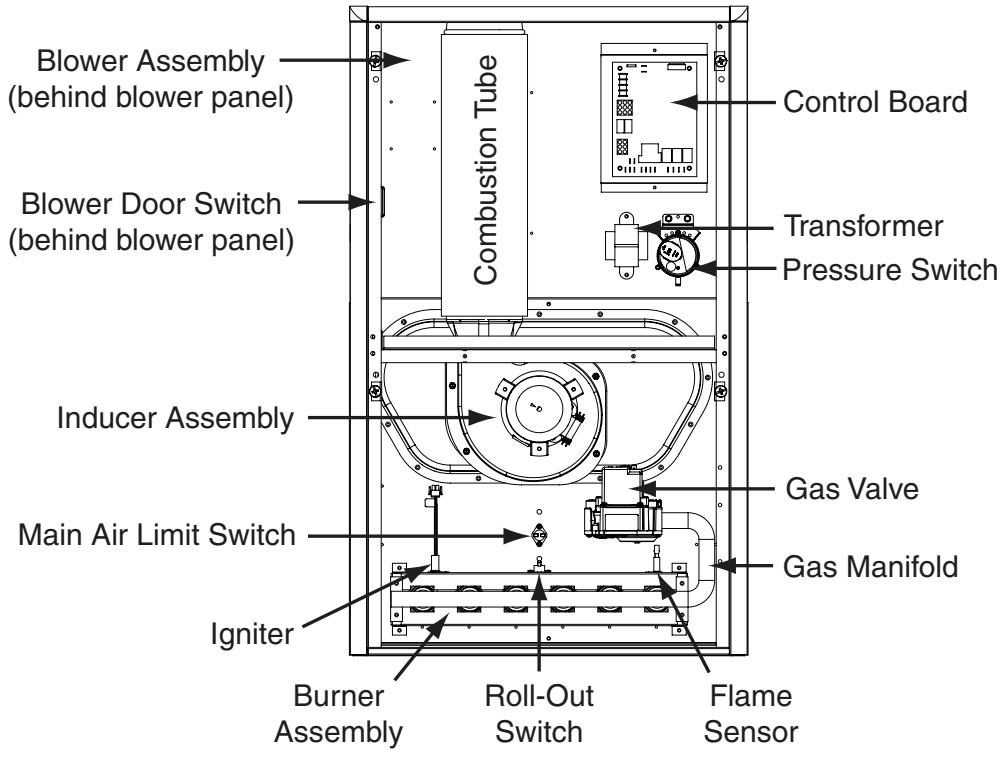
GAS FURNACE COMPONENTS

UPFLOW / HORIZONTAL FURNACE (*SA SERIES)



Upflow/Horizontal Gas Furnace

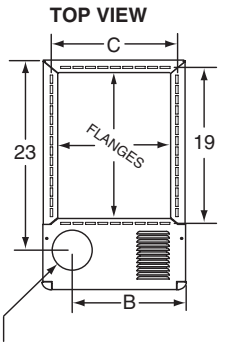
DOWNFLOW FURNACE (*SK SERIES)

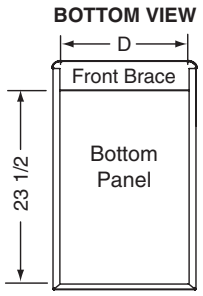


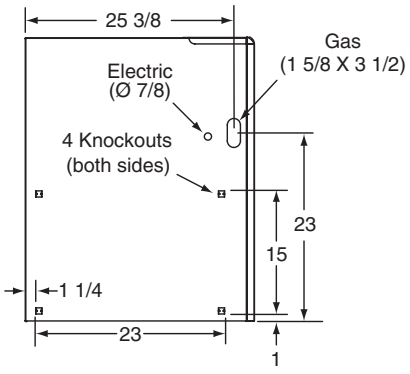
Downflow Gas Furnace

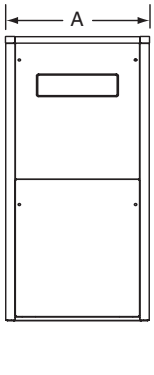
DIMENSIONS

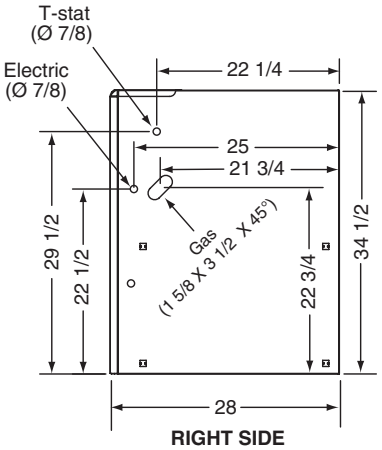
*SA Model #'s	Dimension "A"	Dimension "B"	Dimension "C"	Dimension "D"
045-23A	14 1/4	10 3/4	12 5/8	12 7/8
054-23A				
072-24B	17 1/2	11 3/4	15 7/8	16 1/8
090-24B				
072-35C	21	14	19 3/8	19 7/8
090-35C				
108-35C				
126-45D	24 1/2	15 1/4	22 7/8	23 1/8





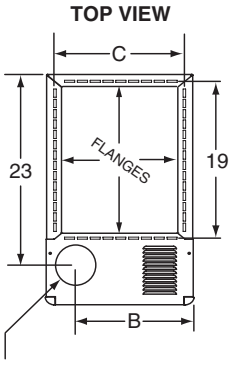


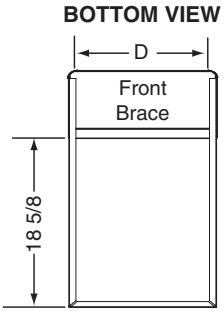


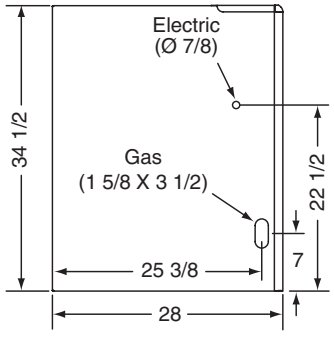


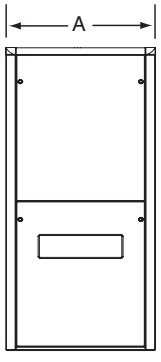
KG7SA Single Stage Upflow/Horizontal Series

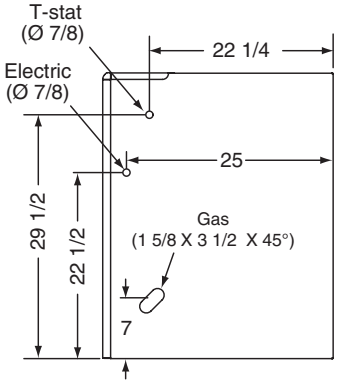
*SK Model #'s	Dimension "A"	Dimension "B"	Dimension "C"	Dimension "D"
054-23A	14 1/4	10 3/4	12 5/8	12 7/8
072-24B	17 1/2	11 3/4	15 7/8	16 1/8
090-24B				
108-35C	21	14	19 3/8	19 5/8
126-45D	24 1/2	15 1/4	22 7/8	23 1/8





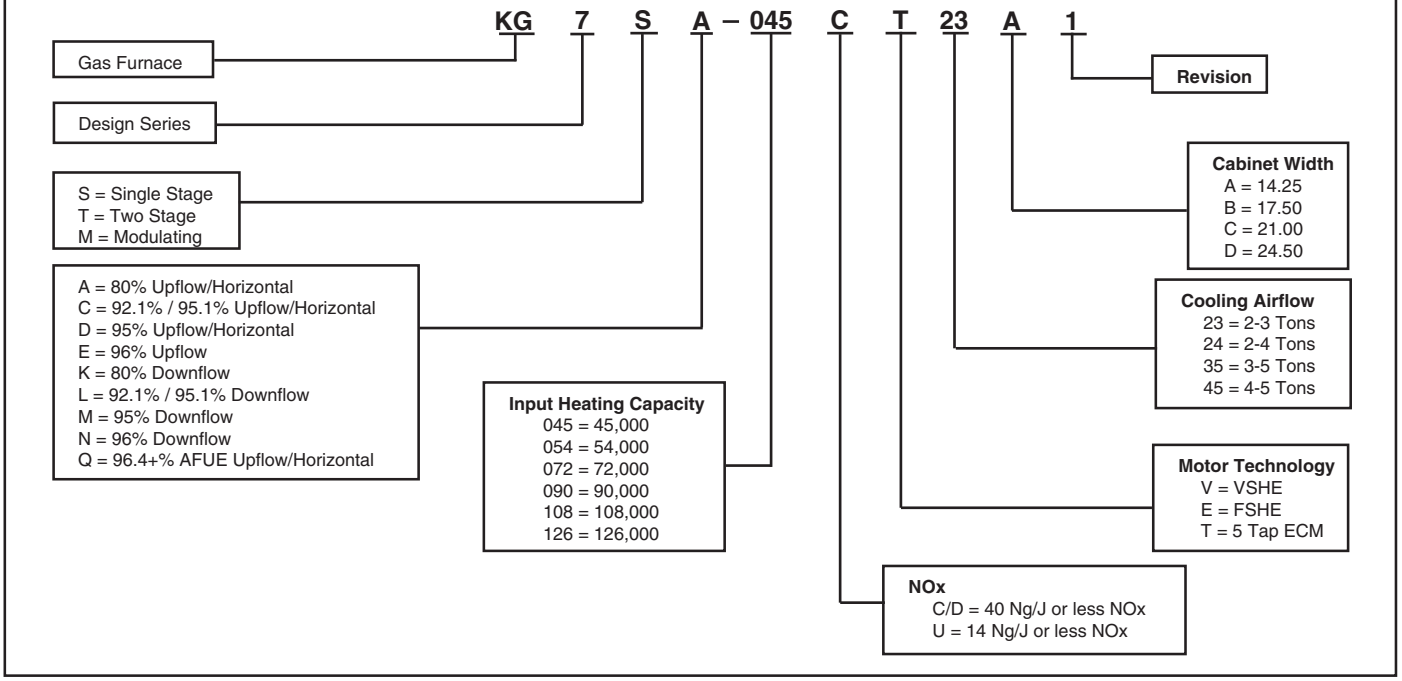






KG7SK Single Stage Downflow Series

MODEL IDENTIFICATION CODE



SPECIFICATIONS

KG7SA MODEL NUMBERS	-045-T23A1	-054-T23A1	-072-T24B1	-072-T35C1	-090-T24B1
Input - Btuh (a)	45000	52000	70000	70000	90000
Heating Capacity - BtuH	36000	42000	56000	56000	72000
AFUE	80.0	80.0	80.0	80.0	80.0
Motor H.P. - Speed - Type	1/2 - 5 - ECM	1/2 - 5 - ECM	3/4 - 5 - ECM	1 - 5 - ECM	3/4 - 5 - ECM
Motor FLA	6.4	6.4	8.8	11.5	8.8
Rated Ext. SP - In. W.C.	0.5	0.5	0.5	0.5	0.5
Temperature Rise Range - F	30-60	30-60	35-65	35-65	35-65
Shipping Weights	95 lb	95 lb	110 lb	115 lb	115 lb
SKU	1025482K	1025483K	1025481K	1025485K	1025484K

KG7SK MODEL NUMBERS	-072-T24B1	-090-T24B1
Input - Btuh (a)	72000	90000
Heating Capacity - BtuH	58000	72000
AFUE	80.0	80.0
Motor H.P. - Speed - Type	3/4 - 5 - ECM	3/4 - 5 - ECM
Motor FLA	8.8	8.8
Rated Ext. SP - In. W.C.	0.5	0.5
Temperature Rise Range - F	35-65	35-65
Shipping Weights	110 lb	115 lb
SKU	1025490K	1025491K

ACCESSORIES

KG7S (A, K) KITS	
Description	**SKU**
"A" Cabinet variable speed, high efficiency, VSHE	904876
"B" Cabinet variable speed, high efficiency, VSHE	904877
"C" Cabinet variable speed, high efficiency, VSHE	904878
"D" Cabinet variable speed, high efficiency, VSHE	904879
"A" Cabinet downflow sub base kit	902974
"B", "C", "D" Cabinet downflow sub base kit	904911
U.S. LP Conversion kit (0 to 10,000 ft.)	905028
Canada LP Conversion kit (0 to 4,500 ft.)	905029
Bottom return filter 20 per box, "A" cabinet	903088A
Bottom return filter 20 per box, "B" cabinet	904916
Bottom return filter 20 per box, "C" cabinet	904917
Bottom return filter 20 per box, "D" cabinet	904918
Side return filter kit	541036
Furnace Twinning Kit	1010035

GENERAL TERMS OF LIMITED WARRANTY

Nordyne, LLC will furnish a replacement for any part of this product which fails in normal use and service within the terms and conditions of the warranty.

For complete details of the Limited Warranty, including applicable terms and conditions, see your local installer or contact the Nordyne, LLC warranty department for a copy.

Before purchasing this appliance, read important energy cost and efficiency information available from your retailer. Specifications and illustrations subject to change without notice and without incurring obligations. Printed in U.S.A (06/2019)