TECHNICAL SPECIFICATIONS

G7S (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.”

FG7SA model

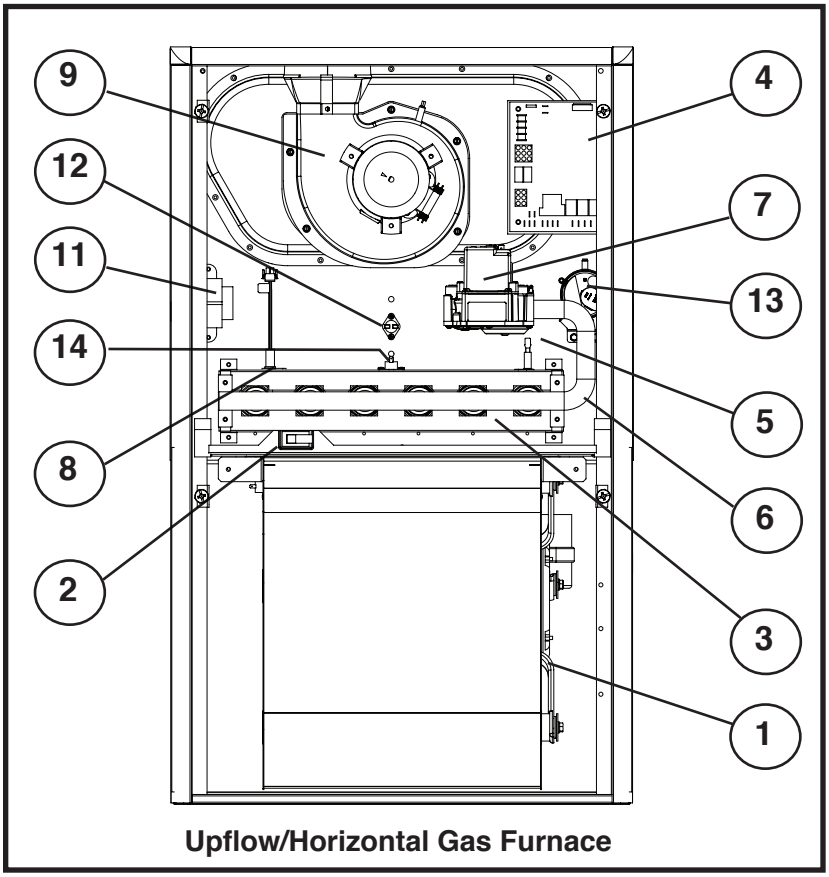


KG7SA model

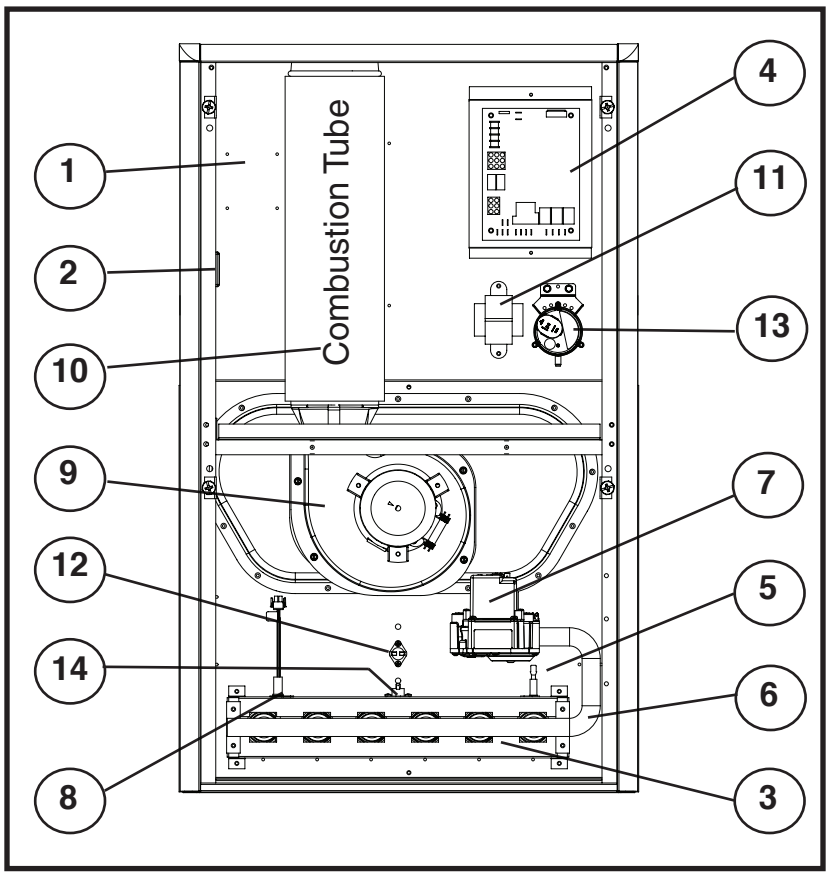
FEATURES and BENEFITS

- **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.
- **20 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).
- **45 second post purge:** Increases life of heat exchanger.
- **Hot surface igniter:** Innovative application of a silicon nitride igniter. 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.
- **40 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.
- **Multi-speed direct drive blower:** Energy-efficient, brushless DC (ECM). Designed to give a wide range of cooling capacities. Dip switches on PCB provide easy motor speed selection.
- **LP convertible:** Simple burner orifice and regulator spring change for ease of convertibility.
- **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 losing door screws.
- **Blower Compartment:** Insulated for ultra quiet operation.
- **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



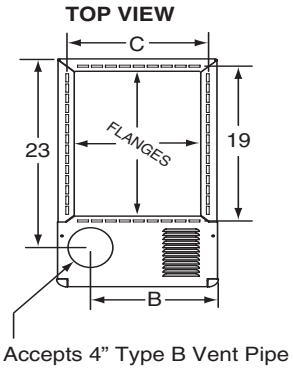
Upflow/Horizontal Gas Furnace

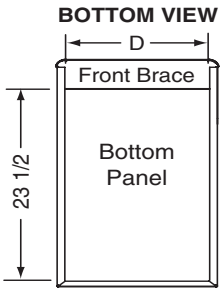


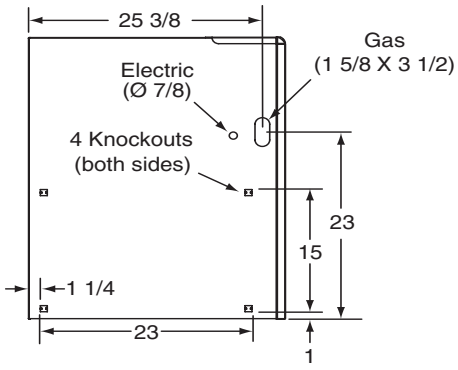
1. Blower Assembly
2. Blower Door Switch
3. Burner Assembly
4. Control Board
5. Flame Sensor
6. Gas Manifold
7. Gas Valve
8. Igniter
9. Inducer
10. Insulated Combustion Tube (Downflow Models)
11. Low Voltage Transformer
12. Main Air Limit Switch
13. Pressure Switch
14. Roll-Out Switch(s)

DIMENSIONS

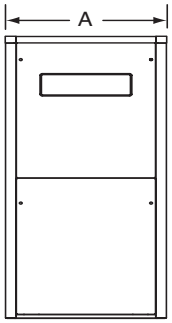
*SA Model #'s	Dimension "A"	Dimension "B"	Dimension "C"	Dimension "D"
-045C-T23A*	14 1/4	10 3/4	12 5/8	12 7/8
-054C-T23A*				
-072C-T24B*	17 1/2	11 3/4	15 7/8	16 1/8
-090C-T24B*				
-072C-T35C*	21	14	19 3/8	19 7/8
-090C-T35C*				
-108C-T35C*				
-126C-T45D*	24 1/2	15 1/4	22 7/8	23 1/8



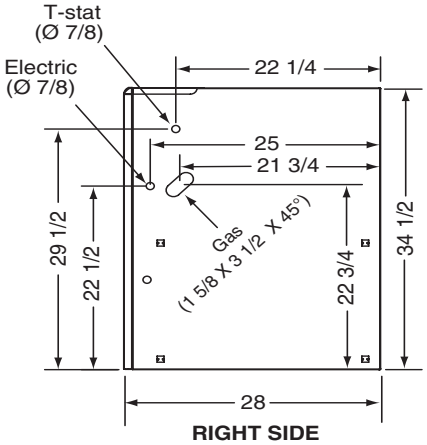




LEFT SIDE



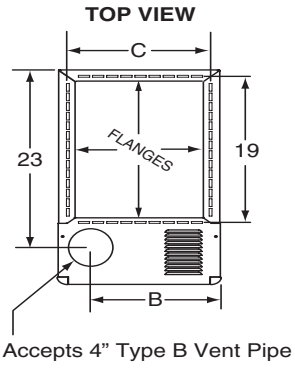
FRONT VIEW

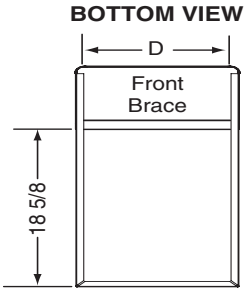


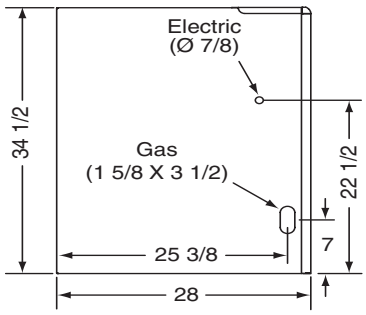
RIGHT SIDE

(F,K)G7SA Single Stage Upflow/Horizontal Series

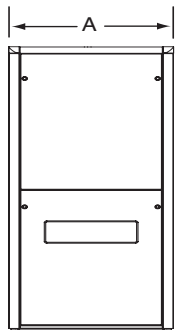
*SK Model #'s	Dimension "A"	Dimension "B"	Dimension "C"	Dimension "D"
-054C-T23A*	14 1/4	10 3/4	12 5/8	12 7/8
-072C-T24B*	17 1/2	11 3/4	15 7/8	16 1/8
-090C-T24B*				
-108C-T35C*	21	14	19 3/8	19 5/8
-126C-T45D*	24 1/2	15 1/4	22 7/8	23 1/8



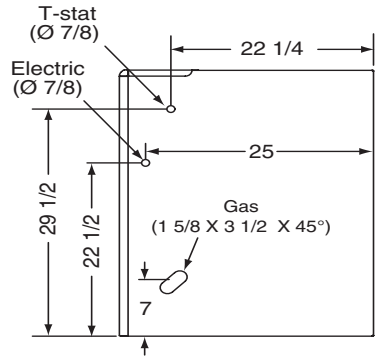




LEFT SIDE



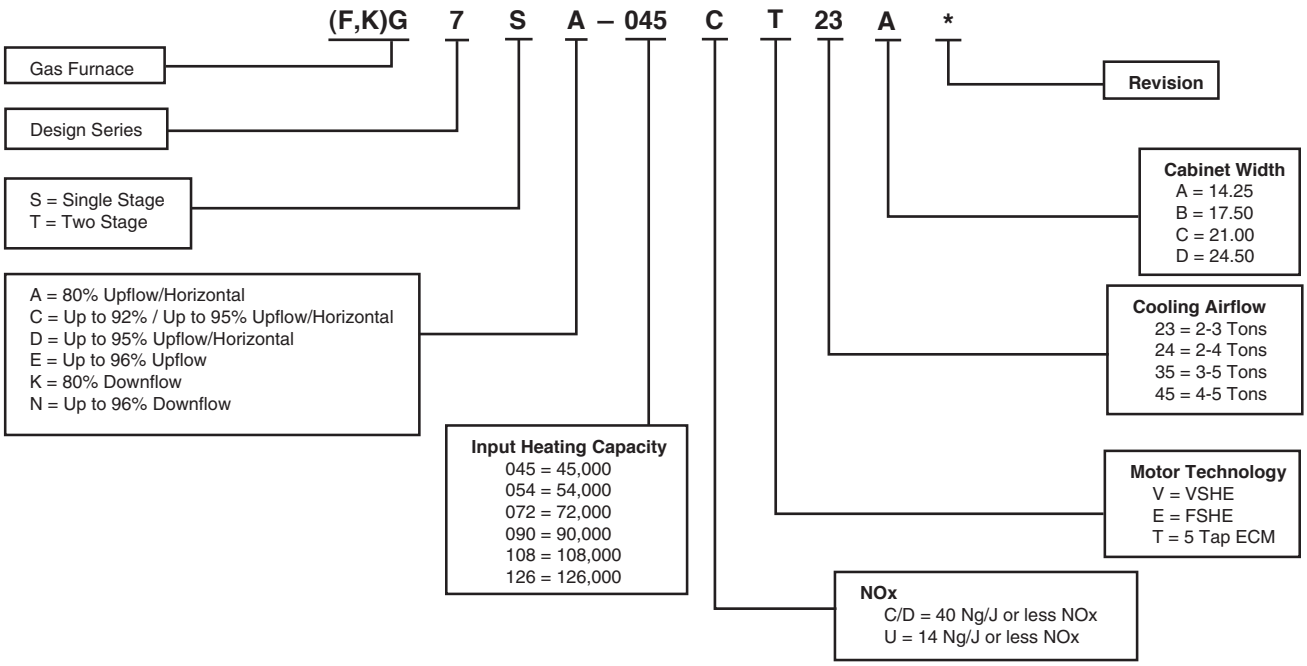
FRONT VIEW



RIGHT SIDE

(F,K)G7SK Single Stage Downflow Series

MODEL IDENTIFICATION CODE



SPECIFICATIONS

(F,K)G7SA MODEL NUMBERS	-045C-T23A*	-054C-T23A*	-072C-T24B*	-072C-T35C*	-090C-T24B*	-090C-T35C*	-108C-T35C*	-126C-T45D*
Input - Btuh (a)	45,000	52,000	70,000	75,000	90,000	85000	108000	122000
Heating Capacity - Btuh	36,000	42,000	56,000	59,000	72,000	67000	87000	96000
AFUE	80.0	80.0	80.0	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	3/4 - 5 - ECM	3/4 - 5 - ECM	1 - 5 - ECM	1 - 5 - ECM	1 - 5 - ECM
Motor FLA	6.4	6.4	8.8	8.8	8.8	11.5	11.5	11.5
Rated Ext. SP - In. W.C.	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Temperature Rise Range - ºF	30-60	30-60	30-60	35-65	35-65	35-65	35-65	40-70
Shipping Weights	95 lbs	95 lbs	110 lbs	115 lbs	115 lbs	134 lbs	136 lbs	147 lbs

(F,K) G7SK MODEL NUMBERS	-054C-T23A*	-072C-T24B*	-090C-T24B*	-108C-T35C*	-126C-T45D*
Input - Btuh (a)	52,000	75,000	90,000	108,000	120,000
Heating Capacity - Btuh	41,000	60,000	71,000	87,000	96,000
AFUE	80.0	80.0	80.0	80.0	80.0
Motor H.P. - Speed - Type	1/2 - 5 - ECM	3/4 - 5 - ECM	3/4 - 5 - ECM	1 - 5 - ECM	1 - 5 - ECM
Motor FLA	6.4	8.8	8.8	11.5	11.5
Rated Ext. SP - In. W.C.	0.5	0.5	0.5	0.5	0.5
Temperature Rise Range - ºF	30-60	35-65	35-65	35-65	35-65
Shipping Weights	102 lbs	110 lbs	115 lbs	136 lbs	147 lbs

ACCESSORIES

(F,K)G7S(A,K) KITS	
Description	**SKU**
"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.) and High Altitude LP	905028
Canada LP Conversion kit (0 to 4,500 ft.) and High Altitude LP	905029
Side return filter kit	541036

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. (08/25)

575F-0825 (Replaces 575F-0625)