FRIGIDAIRE



Delivering Comfort

WITH THE **FG7TA-VS SERIES** OF GAS FURNACES

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THE FRIGIDAIRE®

TOTAL PACKAGE™

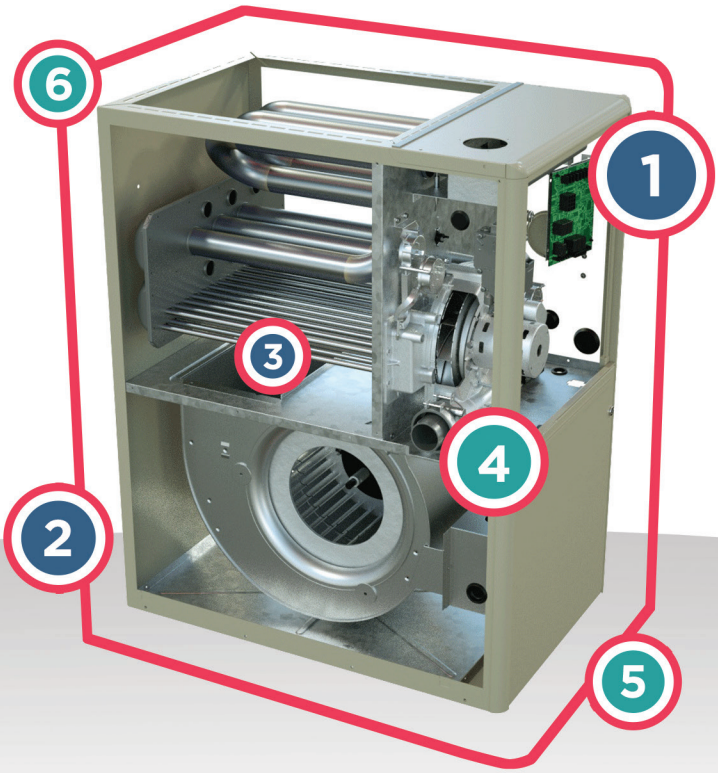
Designed with contractors in mind. Frigidaire HVAC equipment is designed with the contractor in mind. Each unit is equipped with features designed to make them easier to install and service, reducing time spent on each job while ensuring peak performance and safety.

EASY TO Service

EASY TO Install

iQ Drive® READY

SmartLite® CONTROL BOARD



FG7TA-VS Series

Two Stage, Variable Speed Gas Furnaces | 80% AFUE | High Efficiency Upflow/Horizontal

The FG7TA-VS Series of furnaces offers exceptional performance.
This high efficiency 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.”

Easy to Service

① REMOVABLE SIDE PANELS
Side panels can be easily removed and replaced without removing the top grill.

② COLOR CODED WIRE HARNESS
Utilizes quick-connect fittings for ease of service and component replacement.

③ GALVANIZED STEEL EXTERIOR
Powder-coated paint and gloss finish eliminates sharp edges and reduces scratching.

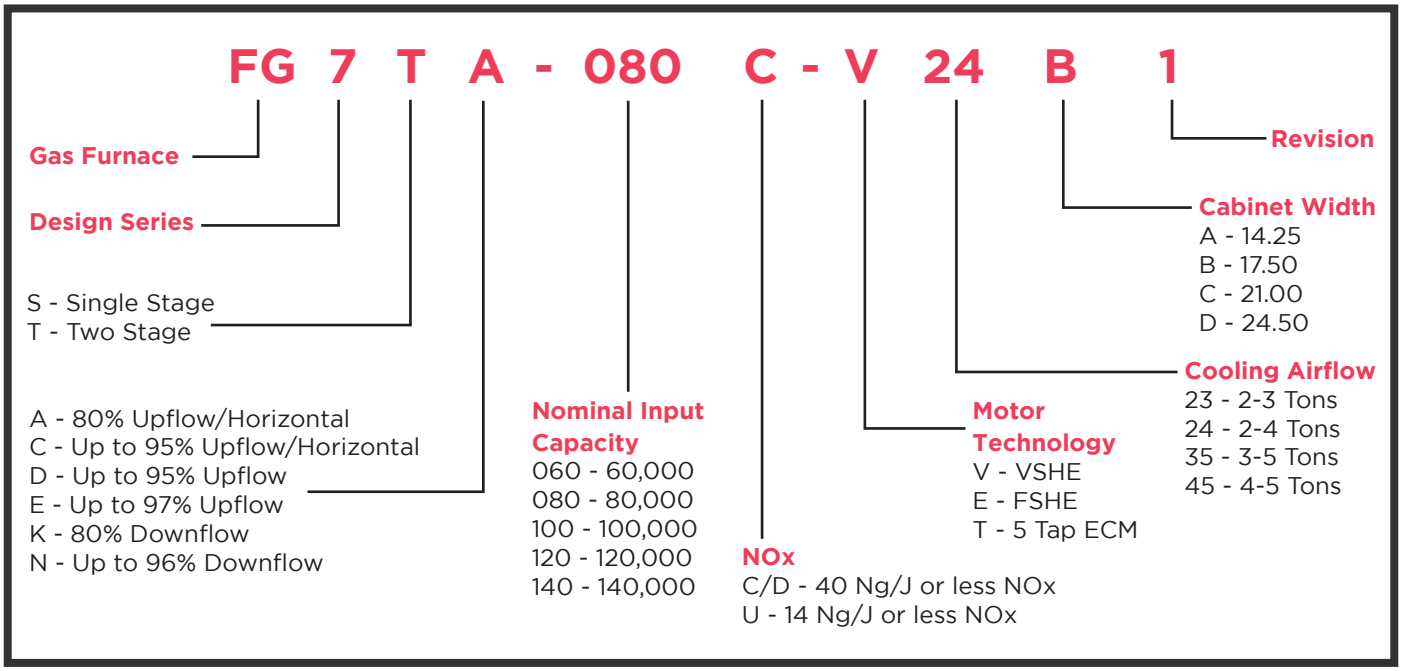
Easy to Install

④ QR CODES
QR codes on each unit link directly to the product’s technical literature, eliminating the need to search for relevant documentation when working on the unit.

⑤ HIGH STATIC BLOWERS
All models equipped with high static blowers.

⑥ LOW BOY HEIGHT
Easy to apply in low ceiling applications, works well with taller high SEER2 coils, easier to handle and install.

MODEL ID
CODES



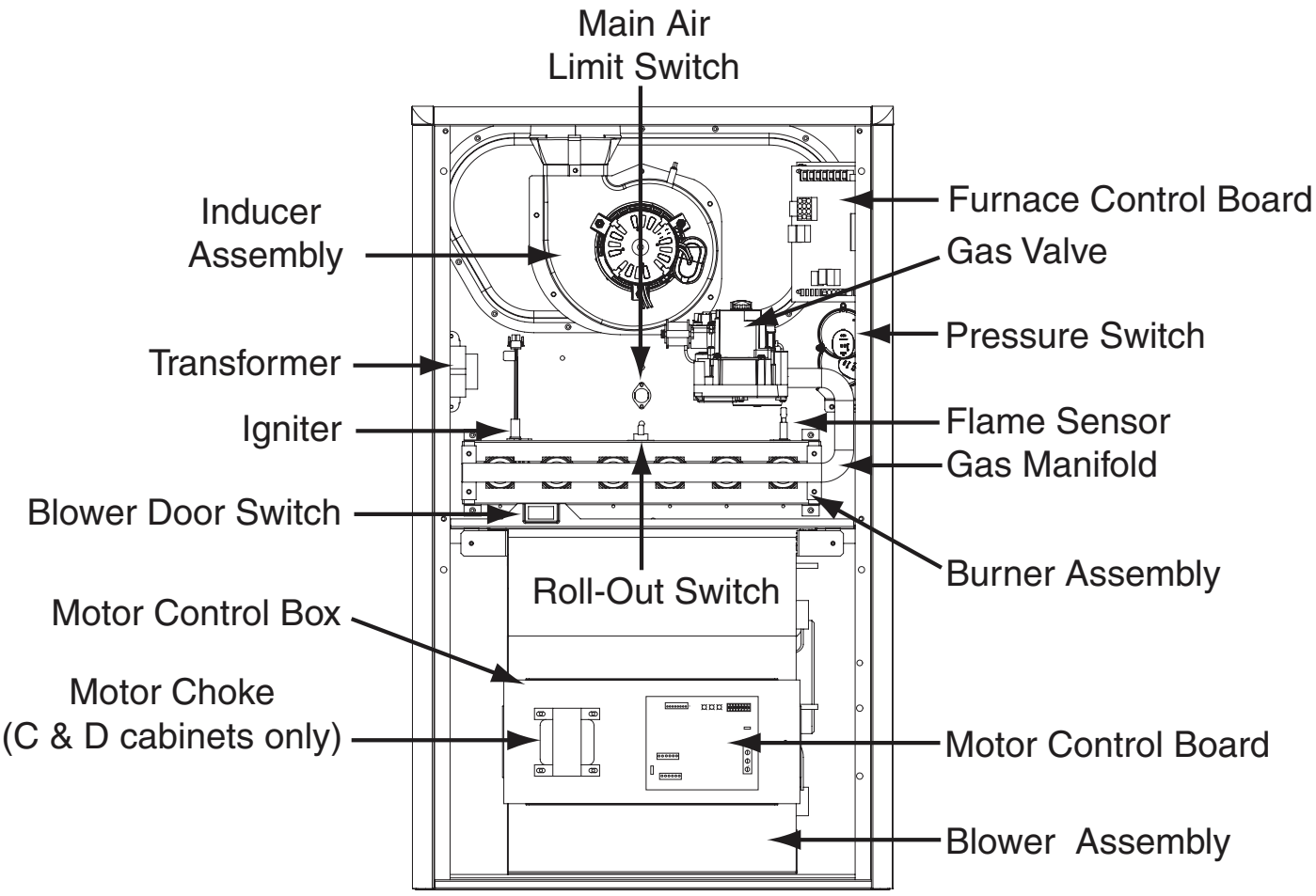
SPECIFICATIONS

FG7TA MODEL NUMBERS	060C-VA1	080C-VB1	100C-VC1	120C-VC1	140C-VD1
Input - Btuh (a)	60,000 / 39,000	80,000 / 52,000	100,000 / 65,000	120,000 / 78,000	140,000 / 91,000
Heating Capacity - BtuH	48,000 / 31,200	64,000 / 41,600	80,000 / 52,000	96,000 / 62,400	112,000 / 72,800
AFUE	80	80	80	80	80
Motor H.P. - Speed - Type	1/2 - Variable	1/2 - Variable	3/4 - Variable	3/4 - Variable	1 - Variable
Motor FLA	6.2	6.2	8.7	8.7	11.7
Rated Ext. SP - In. W.C.	0.5	0.5	0.5	0.5	0.5
Temperature Rise Range - °F	25-55	30-60	35-65	35-65	40-70
Shipping Weights (lbs)	115	110	125	135	155

NOTE:
All models are 115V, 60 Hz. Gas Connections are 1/2" N.P.T.
(a) Ratings to 2,000 ft. Over 2,000 ft. reduce 4% for each 1,000 ft. above sea level.

LOCATION OF FURNACE COMPONENTS

UPFLOW / HORIZONTAL FURNACE (*TA SERIES)

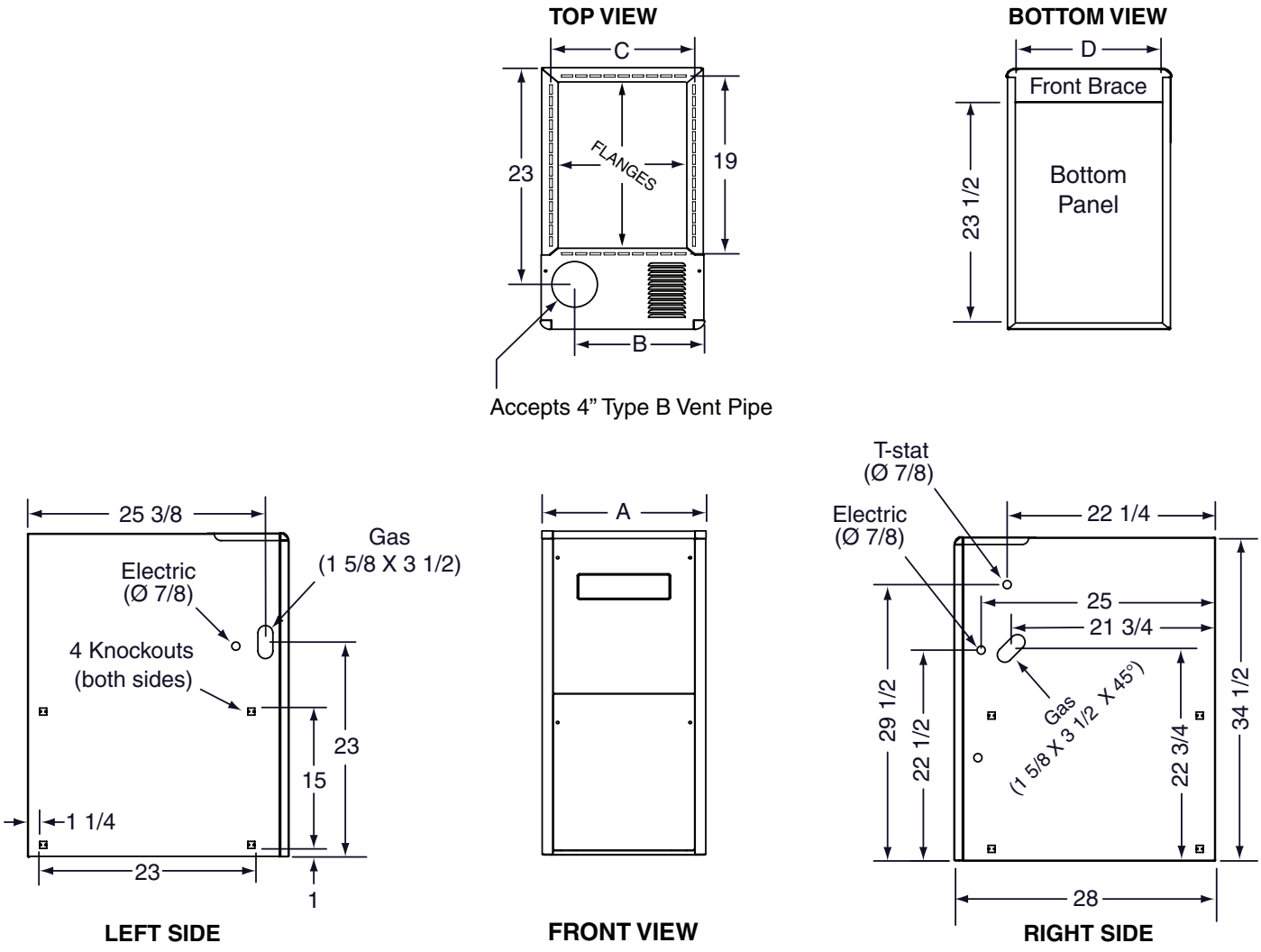


FG7TA-VS 80% AFUE High Efficiency Upflow/Horizontal Series

DIMENSIONS

Model FG7TA	Dimension “A”	Dimension “B”	Dimension “C”	Dimension “D”
060-VA1	14 1/4	10 3/4	12 5/8	12 7/8
080-VB1	17 1/2	11 3/4	15 7/8	16 1/8
100-VC1	21	14	19 3/8	19 5/8
120-VC1				
140-VD1	24 1/2	15 1/4	22 7/8	23 1/8

NOTE: Dimensions shown in inches



BLOWER PERFORMANCE

FG7TA Nominal Heating Airflows (CFM) and Temperature Rise (°F)

A Cabinet				FG7TA-060( )-VA1 Models	
Switch Settings HEAT				Input (BTU) 60000	
A/B	2	3	4	CFM	Temp Rise (°F)
0	0	0	0	640	69
0	0	0	1	720	62
0	0	1	0	800	56
0	0	1	1	880	51
0	1	0	0	960	46
0	1	0	1	1040	43
0	1	1	0	1120	40
0	1	1	1	1200	37

B Cabinet				FG7TA-080( )-VB1 Models	
Switch Settings HEAT				Input (BTU) 80000	
A/B	2	3	4	CFM	Temp Rise (°F)
1	0	0	0	1000	59
1	0	0	1	1100	54
1	0	1	0	1200	49
1	0	1	1	1300	46
1	1	0	0	1400	42
1	1	0	1	1500	40
1	1	1	0	1600	37
1	1	1	1	1700	35

C Cabinet				FG7TA-100( )-VC1 Models		FG7TA-120( )-VC1 Models	
Switch Settings HEAT				Input (BTU) 100000		Input (BTU) 120000	
A/B	2	3	4	CFM	Temp Rise (°F)	CFM	Temp Rise (°F)
#	0	0	0	1000	74	1000	89
#	0	0	1	1115	66	1115	80
#	0	1	0	1230	60	1230	72
#	0	1	1	1345	55	1345	66
#	1	0	0	1460	51	1460	61
#	1	0	1	1575	47	1575	56
#	1	1	0	1690	44	1690	53
#	1	1	1	1805	41	1805	49

Switch not used - can be 0 or 1

D Cabinet				FG7TA-140( )-VD1 Model	
Switch Settings HEAT				Input (BTU) 140000	
A/B	2	3	4	CFM	Temp Rise (°F)
#	0	0	0	1500	69
#	0	0	1	1615	64
#	0	1	0	1730	60
#	0	1	1	1845	56
#	1	0	0	1960	53
#	1	0	1	2075	50
#	1	1	0	2190	47
#	1	1	1	2305	45

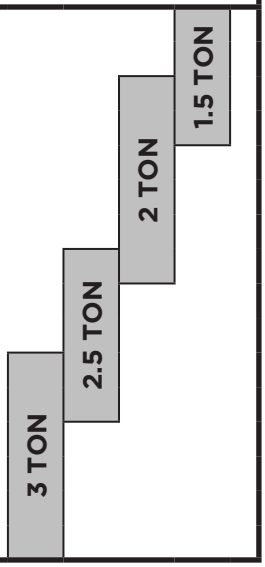
NOTES:

1. Two openings are required for airflows above 1600 CFM if the filter(s) is (are) adjacent to the furnace.
2. Temperature rises in the table are approximate. Actual temperature rises may vary.
3. Temperature rises that are shaded in gray are for reference only. These conditions are not recommended.
4. The blower operating range is .1" to .8" ESP in wc.

COOLING AIRFLOWS

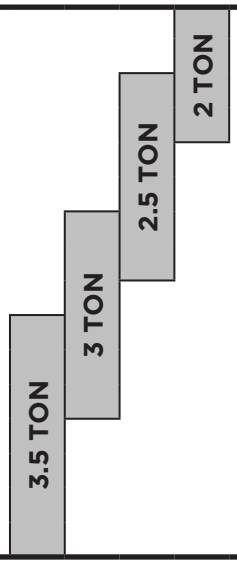
"A" CABINET

Switch Settings (0 = OFF, 1 = ON)					CFM		Nominal A/C & HP Capacity
HEAT	COOL						
1-4	5	6	7	8	LOW	HIGH	
0	0	0	0	0	350	525	
0	0	0	0	1	390	580	
0	0	0	1	0	425	635	
0	0	0	1	1	460	690	
0	0	1	0	0	500	745	
0	0	1	0	1	535	800	
0	0	1	1	0	575	855	
0	0	1	1	1	610	910	
0	1	0	0	0	645	965	
0	1	0	0	1	685	1020	
0	1	0	1	0	720	1075	
0	1	0	1	1	755	1130	
0	1	1	0	0	795	1185	
0	1	1	0	1	830	1240	
0	1	1	1	0	870	1295	
0	1	1	1	1	905	1350	



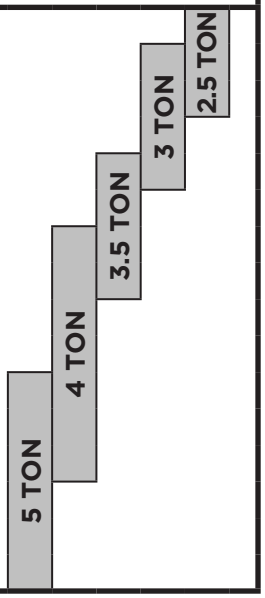
"B" CABINET

Switch Settings (0 = OFF, 1 = ON)					CFM		Nominal A/C & HP Capacity
HEAT	COOL						
1-4	5	6	7	8	LOW	HIGH	
1	0	0	0	0	470	700	
1	0	0	0	1	510	760	
1	0	0	1	0	550	820	
1	0	0	1	1	590	880	
1	0	1	0	0	630	940	
1	0	1	0	1	670	1000	
1	0	1	1	0	710	1060	
1	0	1	1	1	750	1120	
1	1	0	0	0	790	1180	
1	1	0	0	1	830	1240	
1	1	0	1	0	870	1300	
1	1	0	1	1	910	1360	
1	1	1	0	0	950	1420	
1	1	1	0	1	990	1480	
1	1	1	1	0	1030	1540	
1	1	1	1	1	1070	1600	



"C" CABINET

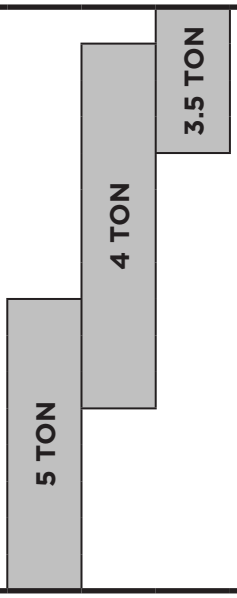
Switch Settings (0 = OFF, 1 = ON)					CFM		Nominal A/C & HP Capacity
HEAT	COOL						
1-4	5	6	7	8	LOW	HIGH	
#	0	0	0	0	685	1025	
#	0	0	0	1	730	1090	
#	0	0	1	0	775	1155	
#	0	0	1	1	815	1220	
#	0	1	0	0	860	1285	
#	0	1	0	1	905	1350	
#	0	1	1	0	950	1415	
#	0	1	1	1	990	1480	
#	1	0	0	0	1035	1545	
#	1	0	0	1	1080	1610	
#	1	0	1	0	1120	1675	
#	1	0	1	1	1165	1740	
#	1	1	0	0	1210	1805	
#	1	1	0	1	1255	1870	
#	1	1	1	0	1295	1935	
#	1	1	1	1	1340	2000	



Switch not used - can be 0 or 1

"D" CABINET

Switch Settings (0 = OFF, 1 = ON)					CFM		Nominal A/C & HP Capacity
HEAT	COOL						
1-4	5	6	7	8	LOW	HIGH	
#	0	0	0	0	940	1400	
#	0	0	0	1	965	1440	
#	0	0	1	0	990	1480	
#	0	0	1	1	1020	1520	
#	0	1	0	0	1045	1560	
#	0	1	0	1	1070	1600	
#	0	1	1	0	1100	1640	
#	0	1	1	1	1125	1680	
#	1	0	0	0	1150	1720	
#	1	0	0	1	1180	1760	
#	1	0	1	0	1205	1800	
#	1	0	1	1	1235	1840	
#	1	1	0	0	1260	1880	
#	1	1	0	1	1285	1920	
#	1	1	1	0	1315	1960	
#	1	1	1	1	1340	2000	



Switch not used - can be 0 or 1

ACCESSORIES

FG7TA 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
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.



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TOTAL PACKAGE