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# CARRIER 58STA110-1-12 Owner's Manual

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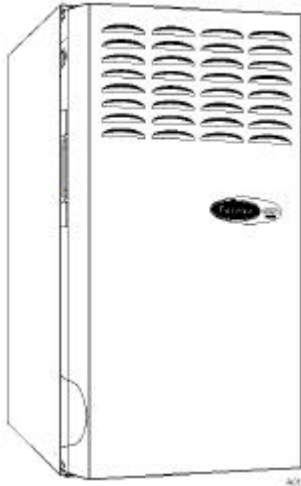


# Preliminary 58STA

Carrier Corporation • Syracuse N.Y. 13221  
 SUBJECT TO CHANGE WITHOUT NOTICE

## THE CARRIER 58STA GAS FURNACE

The 58STA 4-way Multipoise Gas Furnaces feature Carrier's QuietTech™ noise reduction system for incredibly quiet induced draft operation. Applications are easy with 4-way multipoise design, through-the-furnace downflow venting, 13 different venting options, and a door designed for easy service access. An inner blower door is provided for tighter sealing in sensitive applications. The 58STA furnaces are approved for use with natural or propane gas.



### STANDARD FEATURES

- QuietTech noise reduction system
- Microprocessor based control center
  - Adjustable heating air temperature rise
  - Adjustable cooling airflow
  - LED diagnostics and self test feature
- 4-way Multipoise furnace, 13 vent applications
- Inner blower door
- Hot surface ignition (HSI)
- Draft safeguard switch to ensure proper furnace venting
- Heat pump compatible
- Residential installations eligible for consumer financing through the Retail Credit Program

### LIMITED WARRANTY

- 20-year warranty on "Super S™" heat exchanger
- 1-year parts warranty on all other components

				SELECTABLE				
58STA045---1--08	44,000	35,000	80.0	845/	4	14-3/16	104	
58STA045---1--12	44,000	35,000	80.0	1160/	4	14-3/16	107	
58STA070---1--08	66,000	53,000	80.0	900/	4	14-3/16	111	
58STA070---1--12	66,000	53,000	80.0	1200/	4	14-3/16	115	
58STA070---1--16	66,000	53,000	80.0	tba	4	17-1/2	126	
58STA090---1--14	88,000	71,000	80.0	1385/	4	17-1/2	127	
58STA090---1--16	88,000	71,000	80.0	1720/	4	21	140	
58STA090---1--20	88,000	71,000	80.0	tba	4	21	146	
58STA110---1--12	110,000	89,000	80.0	1355/	4	17-1/2	135	
58STA110---1--16	110,000	89,000	80.0	1680/	4	21	146	
58STA110---1--22	110,000	89,000	80.0	2200/	4	21	152	
58STA135---1--16	132,000	106,000	80.0	1710/	5 <sup>‡</sup>	21	149	
58STA135---1--22	132,000	106,000	80.0	2150/	5 <sup>‡</sup>	24-1/2	163	
58STA155---1--20	154,000	124,000	80.0	2230/	5 <sup>‡</sup>	24-1/2	170	

\* Capacity and ratings in accordance with U.S. Government DOE test procedures with isolated combustion system.

† Listed CFM is for single-speed cooling.

‡ Maximum available ESP is 0.70 in-wc for all furnace model sizes and operating modes

‡ 4 inch vent connection in all furnaces.



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EXTENDED WARRANTIES	PRICE
Parts Only — 2 <sup>nd</sup> through 5 <sup>th</sup> year Parts Only — 6 <sup>th</sup> through 10 <sup>th</sup> year (requires 2 <sup>nd</sup> through 5 <sup>th</sup> year parts) Parts and Labor — 2 <sup>nd</sup> through 5 <sup>th</sup> year Parts and Labor — 6 <sup>th</sup> through 10 <sup>th</sup> year (requires 2 <sup>nd</sup> through 5 <sup>th</sup> year parts and labor) (Important – See optional warranty literature for full details and requirements)	

### FURNACE ACCESSORIES

DESCRIPTION	PART NO.	PRICE
Media Filter Cabinet – 16 in.	FILCABCS0016-A--	
Media Filter Cabinet – 20 in.	FILCABCS0020-A--	
Media Filter Cabinet – 24 in.	FILCABCS0024-A--	
EZ Flex Media Filter with end caps – 16 in. (9 pack)	EXPXXUNV0016	
EZ Flex Media Filter with end caps – 20 in. (9 pack)	EXPXXUNV 0020	
EZ Flex Media Filter with end caps – 24 in. (6 pack)	EXPXXUNV0024	
Replacement EZ Flex Filter – 16 in. (10 pack)	EXPXXFIL0016	
Replacement EZ Flex Filter – 20 in. (10 pack)	EXPXXFIL0020	
Replacement EZ Flex Filter – 24 in. (10 pack)	EXPXXFIL0024	
Exterior Filter Rack – universal, one inch (adjustable from 14" to 24") with filter	KGAFR0301ALL	
Unframed filter, one inch – 16x25	KGAWF1301UFR	
Unframed filter, one inch – 16x25 (6 pack)	KGAWF1306UFR	
Unframed filter, one inch – 20x25	KGAWF1401UFR	
Unframed filter, one inch – 20x25 (6 pack)	KGAWF1406UFR	
Unframed filter, one inch – 24x25	KGAWF1501UFR	
Unframed filter, one inch – 24x25 (6 pack)	KGAWF1506UFR	
Twining Kit	KGATW0601HSI	
Combustible Floor Base (not required when evaporator coil case is used for	KGASB0201ALL	
Downflow Vent Guard (not required when vent is routed through cabinet)	KGAVG0101DFG	
Vent Extension Kit (may be used when vent is routed through cabinet in downflow)	KGAVE0101DNH	
Chimney Adapter Kit – 4 inch vent	KGACA02014FC	
Chimney Adapter Kit – 5 inch vent	KGACA02015FC	
Natural-to-Propane Gas Conversion Kit (Single Kit)	KGANP2901ALL	
Propane-to-Natural Gas Conversion Kit (Single Kit)	KGAPN2301ALL	
Gas Orifice Kit (Qty 50) Size 42	KGAHA0150N42	
Gas Orifice Kit (Qty 50) Size 43	KGAHA0250N43	
Gas Orifice Kit (Qty 50) Size 44	KGAHA0350N44	
Gas Orifice Kit (Qty 50) Size 45	KGAHA0450N45	
Gas Orifice Kit (Qty 50) Size 46	KGAHA0550N46	
Gas Orifice Kit (Qty 50) Size 47	KGAHA1550N47	
Gas Orifice Kit (Qty 50) Size 48	KGAHA1650N48	
Gas Orifice Kit (Qty 50) Size 54	KGAHA0650P54	
Gas Orifice Kit (Qty 50) Size 55	KGAHA0750P55	
Gas Orifice Kit (Qty 50) Size 56	KGAHA0850P56	
Gas Orifice Kit (Qty 50) 1.25 mm	KGAHA5750125	
Gas Orifice Kit (Qty 50) 1.30 mm	KGAHA5750130	