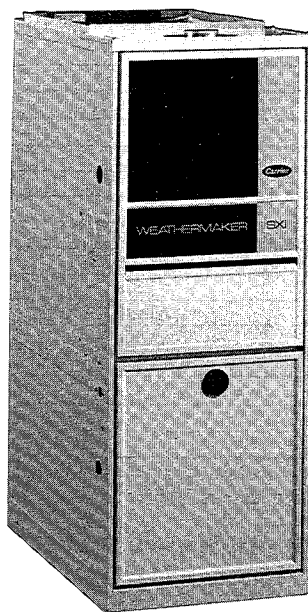




Advance Product Data

Deluxe Upflow Condensing Furnaces 58SXB

Heating Capacities:
60,000 & 80,000 Btuh



A87340

- Capacities available are 60,000 and 80,000 Btuh heating output with up to 94.0% AFUE for economical fuel usage.
- All units have a California Seasonal Efficiency Rating of 90% and up. NO_x emissions less than 40n/j.
- Electronic pilot ignition eliminates standing pilot to enhance fuel economy.
- Direct vent sealed combustion system—Model 58SXB uses 100% outdoor air, which results in especially quiet operation. Direct venting also minimizes the possibility of chloride contamination which can result in heat exchanger corrosion. Also reduces air infiltration into the home.
- Safety control features
 - (1) Self checking draft control circuit
 - (2) Negative pressure condensate trap system
 - (3) Self checking ignition control system locks out after 2 tries
- Lifetime Limited Warranty on both primary and condensing heat exchangers; your Carrier dealer has the details.
- Four-pass heat exchangers—both primary and condensing.
- Monoport burners are finely tuned for smooth, quiet combustion plus economical gas usage.
- The 46-3/16-inch casing height makes the Model 58SXB Furnace ideal for replacement applications.
- Microprocessor control board contains:
 - Line & low voltage terminals
 - Air cleaner & humidifier capability
 - Adjustable blower-off time
 - Dial-in cooling air flow
 - Emergency heat switch
 - LED fault code display

SPECIFICATIONS

SIZE		060	080
RATINGS AND PERFORMANCE			
Input, Btuh* (Low/High)		43,500/63,000	58,000/84,000
Output Capacity† Btuh		41,000/60,000‡	55,000/80,000‡
AFUE%		94‡	94‡
California Seasonal Efficiencies (SCE)†%		90.5‡	90.5‡
Certified Temperature Rise Range °F**		60—90/45—75	60—90/45—75
Certified External Static Pressure	Heating	0.12	0.15
	Inches Water	Cooling	0.5
Airflow Cfm	Heating	500/925	667/1234
	Cooling	1200	1200
ELECTRICAL			
Unit Volts—Hertz—Phase		115—60—1	
Minimum Wire Size, AWG		14	
Maximum Fuse Size, Amps		15	
Transformer (24-V)		60VA	
External Control	Heating	14VA	
Power Available	Cooling	24VA	
Accessory Relay		Standard	
CONTROLS			
Limit Control		SPST	
Heating Blower Control		Microprocessor Time Operation 60—240 Seconds @ 20 Second Intervals	
Burners (Monoport)		3	4
Gas Connection Size		1/2-inch NPT	
GAS CONTROLS			
Gas Valve (Redundant 2-Stage)		Model SX345NSRX-14	
	Minimum Inlet Pressure	4.5 inches water	
	Maximum Inlet Pressure	13.6 inches water	
Pilot Safety (Non-100% Shutoff)		Model 740A	
BLOWER DATA			
Direct-Drive Motor HP—Type		1/3—ECM	1/3—ECM
Motor Full Load Amps		3.3	3.3
RPM (Nominal)—Speeds		Variable 300—1300	Variable 300—1300
Blower Wheel Diameter x Width, Inches		10 x 7	10 x 7
Filter Size—Permanent Washable, Inches		15-7/8 x 27-3/4 x 1	
DEALER-INSTALLED OPTIONS			
Side Filter Rack (Less Filter)		58SE-900—131 (Filter Size 16 x 25 x 1)	
Return Filter Cabinet (Less Filters)		58GA-900—051 (Filter Size 2—20 x 25 x 1)	

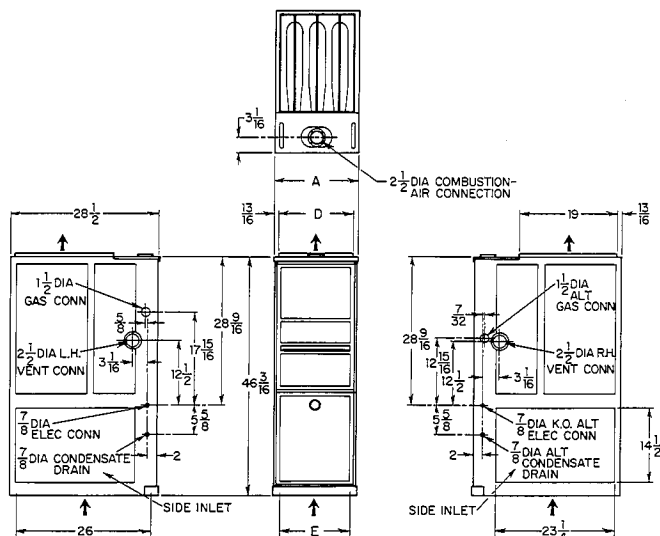
*Gas input ratings are certified for elevations to 2000 feet. For elevations above 2000 feet, reduce ratings 4% for each 1000 feet above sea level.
†Capacity in accordance with U.S. Government DOE test procedures. California Seasonal Efficiencies based on California-specified procedures.

‡Tentative ratings.

**This furnace will control temperature rise at the midpoint of the rise range within $\pm 5^\circ\text{F}$. The manufacturer is compelled by agency requirements to stipulate a $\pm 15^\circ\text{F}$ rise range.

DIMENSIONS (In Inches)

SIZE	A	D	E	Shipping Wt
060	17-1/2	15-7/8	15	182
080	17-1/2	15-7/8	15	195



Manufacturer reserves the right to discontinue, or change at any time, specifications or designs without notice and without incurring obligations.