

# GAS- FIRED WATER BOILER SVB SERIES II



**UP TO 84.4% AFUE**

**Available in 6 sizes from 42 MBH to 225 MBH**

### **Dependable Cast Iron Heat Exchanger with Cast Iron Push Nipples**

The Sections and Push Nipples expand at the same rate when heated. By using similar materials instead of less expensive gaskets the boiler maintains a water tight seal over time.

### **Internal Honeywell Operating Control**

- High Limit/Electronic Ignition
- Digital Temperature Display and Diagnostics
- Plug in Connection for the Inducer Fan
- Plug in Connection for the System Pump

Control monitors the water temperature and delays the burner starting until residual heat has been transferred. This maximizes efficiency by turning on the burner only when needed.

### **Induced Draft Fan**

Allows flue gases to be pulled through the boiler and exhausted through a chimney or side-wall vent.

### **Small Compact Design**

Ideal for low clearance installations.

### **Limited Lifetime Warranty (Residential)**

### **Assembled in the USA**



## RATINGS

MODEL	AHRI CERTIFIED RATINGS				DIMENSIONS						
	Input MBH <sup>(1)</sup>	Heating Capacity MBH <sup>(1)</sup>	Net Water MBH <sup>(2)</sup>	Efficiency AFUE	VENT PIPE SIZE		WATER CONTENT GALLONS	WIDTH	HEIGHT	DEPTH	WEIGHT
					Chimney	Sidewall					
SVB-2	42.5	36	31	84.4%	4"	3"	1.75	11"	29"	23-1/4"	225 lbs.
SVB-3	75	63	55	83.4%	4"	3"	3	14-1/4"	29"	23-1/4"	265 lbs.
SVB-4	112.5	94	82	83.0%	4"	3"	4.25	17-1/2"	29"	23-1/4"	322 lbs.
SVB-5	150	125	109	82.7%	4"	3"	5.5	20-3/4"	29"	23-1/4"	370 lbs.
SVB-6	187.5	155	135	82.3%	4"	4"	6.75	24"	29"	23-1/4"	431 lbs.
SVB-7	225	186	162	82.0%	4"	4"	8	27-1/4"	29"	23-1/4"	480 lbs.

(1) Input rating for sea level to 2,000 ft. (610m) above sea level. United States, over 2000 ft (610m) above sea level. Reduce input rate 4% for every 1000 ft (304m) above sea level.

(2) Net AHRI Water Rating shown based on piping and pickup allowance of 1.15. Consult manufacturer before selecting boilers for installation having unusual piping and pickup requirements, such as intermittent system operation, extensive piping systems, etc.

For forced hot water systems where boiler and all piping within area to be heated, boiler may be selected on basis of its heating capacity.

**General Information** [See Installation, Operation and Maintenance Manual (IOM) for complete instructions.]

### CONNECTIONS

Water Return/Supply: 1-1/4"	Gas Inlet: 1/2" NPT
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### ELECTRICAL

120 Volts AC, 60 hertz, 1 phase, less than 12 amps (15 amp circuit recommended)
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### STANDARD EQUIPMENT

Boiler Control Module: Recessed Honeywell Control (High Limit/Electronic Ignition Control).  
 User Display Interface: Digital Temperature Display.  
 Heat Exchanger: Cast Iron Sections with Cast Iron Push Nipples.  
 Combustion: Completely Installed and Wired Gas Control System with Titanium Composite Burners and Manifold Consisting of: Automatic Redundant Combination Gas Valve, 24 Volt Intermittent Pilot Control, Continuous Retry 100% Shut-Off, Combination Pilot Burner/Electrode/Flame Sensor.  
 Electrical: 24 Volt Transformer, Service Switch.  
 Safety: Flame Roll-Out Safety Shut-Off (Fuse Link) and Pressure Switch (Vent Safety Shut-Off) with Spare Fuse Link Included.  
 Other: Assembled Boiler with Insulated Jacket, Induced Draft Fan, Combination Temperature/Pressure Gauge, Circulator Pump, 3/4" Drain Valve, 30 lbs. ASME Relief Valve.

### OPTIONS

Natural Gas or Propane, Combustible Floor Plate, Fill-Trol, Sidewall Vent Hood
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### BOILER CLEARANCES TO COMBUSTIBLE MATERIALS<sup>(3)</sup>

TOP	6" (152mm)
CONTROL SIDE	8" (203mm)
OPPOSITE SIDE	6" (152mm)
FRONT	18" (457)
BACK	6" (152mm)
FLUE/VENT CONNECTOR	6" (152mm)
NEAR BOILER PIPING	1" (24mm)

(3) Required distance measured from the boiler jacket.

## CERTIFICATIONS



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All specifications subject to change without notice.  
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