



SOLARIS

SETTING THE NEW STANDARD

Innovative Design at Work





MID EFFICIENCY BOILERS AND WATER HEATERS

Model SOL

SOLARIS STANDARD FEATURES

TSBC — Plug and play operating control featuring a 2-line, 16-character backlit display for single or multiple boiler applications, capable of peer-to-peer communication via standard phone cord

Negative pressure jacket pre-heats combustion air minimizing stand-by loss

Tri-directional fitting for both air-intake and venting-field adjustable

Copper finned-tube heat exchanger

Non-proprietary flame safeguard control (CSD-1 compliant)

Spark-to-pilot ignition system

Operating and manual reset high-limit temperature controls standard

Minimal side clearances

Variable-speed fan and fuel/air ratio gas valves track load with infinite modulation

Combustion chamber allows operation with jacket removed for ease of maintenance

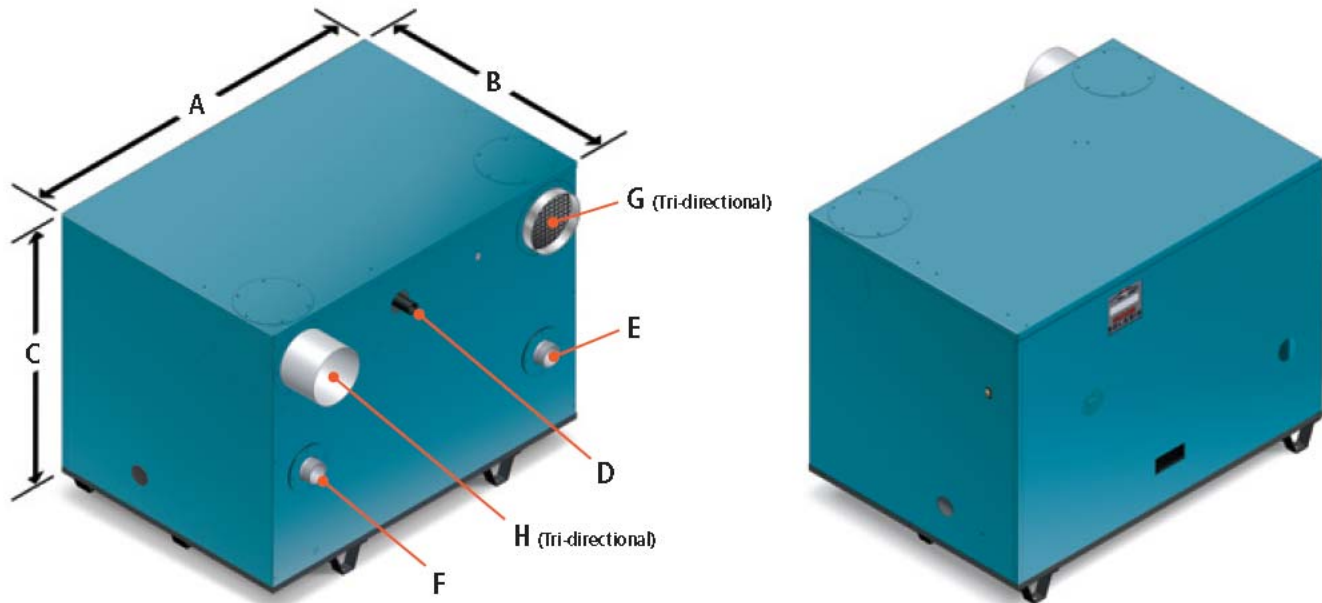
- Air intake and exhaust connections both have field-selectable, tri-directional fittings
- NO_x less than 20 ppm
- CO less than 50 ppm
- Building management system (DDQ) interface


- All rear connections
- Stackable without a rack or stand
- Quiet operation (<50 dB)
- All service access front and rear



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BOILER RATINGS DATA 	SOL-500	SOL-750	SOL-1000	SOL-1250	SOL-1500
INPUT MBH	500	750	1,000	1,250	1,500
GROSS OUTPUT MBH	407	626	821	1,039	1,262
NET RATINGS, WATER MBH*	354	544	714	903	1,097
BOILER HORSEPOWER	12.2	18.7	24.5	31.0	37.7
* The Net AHRI Water Ratings shown are based upon a piping and pickup allowance of 1.15					
The manufacturer should be consulted before selecting a boiler for installations having unusual piping and pickup requirements, such as intermittent system operation, extensive piping systems, etc. The ratings have been determined under the provisions governing forced draft boiler-burner units.					

DIMENSIONAL DATA	SOL-500	SOL-750	SOL-1000	SOL-1250	SOL-1500
WIDTH: "A"	42.6	41.4	49.4	61.6	73.9
DEPTH: "B"	28.1	31.8	31.8	31.7	31.7
HEIGHT: "C"	32.6	36.9	36.9	36.9	36.9
GAS CONNECTION (NPT)	1	1	1	1.25	1.25
WATER INLET (NPT)	2	3	3	3	3
WATER OUTLET (NPT)	2	3	3	3	3
AIR INLET CONNECTION (NPT)	6	8	8	10	10
VENT CONNECTION (NPT)	6	8	8	10	10
SHIPPING WEIGHT: LBS.	419	550	622	661	775
All dimensions shown in inches					

