



GAS FIRED WATER BOILER

WPSB SERIES 4



Up to 84.1% AFUE EFFICIENCY

- Available in 7 sizes from 75 MBH to 299 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.
 - Dunkirk Boilers are reliable, and we back them with a limited 5-year parts warranty.
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- Advanced Fuel Smart Hydrostat Control: 3 Functions in 1 Control
 - (1) Temperature limit with LED display and easy dial settings. Diagnostic and function indicator lights.
 - (2) Low Water Cut-Off (LWCO), protects the boiler from damaging low water conditions.
 - (3) Boiler Reset, lowers the boiler temperature to save fuel by turning on the burner only when needed. Set-up is quick with no need to install an outdoor sensor; just dial in the number of zones.
 - Atmospheric Chimney Vent Boiler with Integral Draft Hood and Vent Damper.

The Integral Draft Hood reduces the overall height and footprint of the boiler making it ideal for low clearance/space limited installations.
 - 20 Year Non-Prorated Limited Warranty
5 Year Parts Limited Warranty
(Residential)
 - Innovative American Manufacturing.



Innovative. Efficient. Dependable. Dunkirk



www.dunkirk.com
PN 240009711 Rev. [08/19/25]

PRODUCT SPECIFICATIONS



RATINGS

MODEL	AHRI CERTIFIED RATINGS				DIMENSIONS				
	Input MBH ⁽¹⁾	Heating Capacity MBH ⁽¹⁾	Net Water MBH ⁽²⁾	Efficiency AFUE	WATER CONTENT GALLONS	-A- WIDTH	-B- HEIGHT	-C- DEPTH	WEIGHT
WPSB-3D	75	63	55	84.0%	6.3	11-1/4"	36-3/8"	26-1/2"	315 lbs.
WPSB-4D	112.5	94	82	84.0%	8.1	14-1/2"	36-3/8"	26-1/2"	377 lbs.
WPSB-5D	150	126	110	84.1%	9.9	17-3/4"	36-3/8"	26-1/2"	453 lbs.
WPSB-6D	187.5	157	137	84.1%	11.7	21"	36-3/8"	26-1/2"	534 lbs.
WPSB-7D	225	188	163	84.0%	13.5	24-1/4"	36-3/8"	26-1/2"	601 lbs.
WPSB-8D	262	221	191	84.0%	15.3	27-1/2"	36-3/8"	26-1/2"	665 lbs.
WPSB-9D	299	252	218	84.0%	17.2	30-3/4"	36-3/8"	26-1/2"	750 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.

CONNECTIONS (All Models)

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

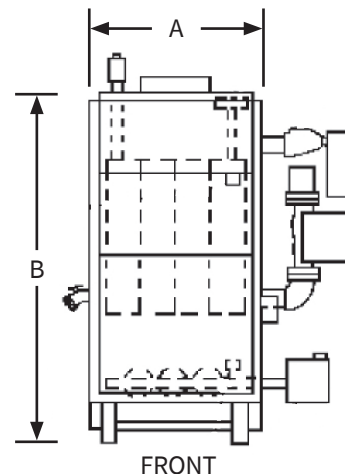
120 Volts AC, 60 hertz, 1 phase, less than 12 amps (15 amp circuit recommended)

STANDARD EQUIPMENT

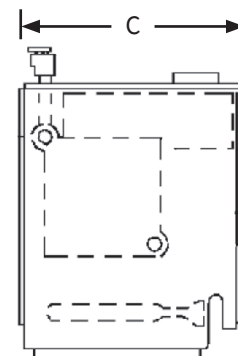
Boiler Control Module: Fuel Smart Hydrostat Temperature Limit, LWCO and Boiler Reset Control with Circulator Relay and Domestic Hot Water Input Override.
 User Display Interface: Temperature LED Display with Dial-type Settings and Diagnostic Indicator Lights
 Heat Exchanger: Cast Iron Sections with Cast Iron Push Nipples.
 Combustion: Completely Installed and Wired Gas Control System Consisting of: Titanium Composite Burners, Gas Manifold with Orifices, Automatic Redundant Combination Gas Valve, 24 Volt with Pilot Filter and Regulator Intermittent Pilot Control, Continuous Retry 100% Shut Off, Combination Pilot Burner/Electrode/Flame Sensor.
 Safety: Flame Roll-Out Safety Shut-Off (Fuse Link) and Blocked Vent Safety Shut-Off Manual Reset Disc Thermostat (Spill Switch) with Spare Fuse Link.
 Other: Assembled Boiler with Insulated Jacket, Integral Draft Diverter, Vent Damper, Combination Temperature/Pressure Gauge, Circulator Pump Wired with 5' Harness for Supply or Return Field Mounting, 3/4" Drain Valve, 30lb. ASME Relief Valve.

OPTIONS

Natural Gas and Propane Conversion Kits, High Altitude Conversion Kits, Fill-Trol.
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FRONT



LEFT SIDE



Tested for 50 psi
ASME Working Pressure

ECR international

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All specifications subject to change without notice.

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