

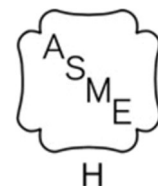


King Heating Products Inc.

WWW.ECOKINGHEATING.COM

ECO-KING ULTIMATE

HIGH EFFICIENT COMMERCIAL WALL HUNG BOILERS



NSF/ANSI/CAN 372



Low NOx certified by
SCAQMD

- Up to 96% high efficient wall hung condensing boilers with European state of the art technology
- 3 sizes and two models. Boiler (CHB) and Volume water heater (HWB) in 299, 399 and 499MBH
- ASME Stainless steel heat exchanger
- Cascade up to 16 boilers in a row
- Racking systems available from 2 to 4 units on one rack with Low Loss Header. Plug & Play
- 3 in 1 venting adapters included. Vent directly off the top with (C)PVC, PP or Stainless Steel
- Outdoor Sensor, Modbus connections on all boilers
- Multiple pump connections with two temperature capability: DHW tank and Heating
- HWB Max temperature up to 85°C (185°F) and CHB temperature up to 90°C(194°F)
- HWB Max Pressure up to 145psi (10bar) and CHB is up to 87psi (6bar)
- Built-in Leadlag operation

Boiler Specifications:

BOILER TYPE	UNIT	299 CHB/HWB	399 CHB/HWB	499CHB/HWB
Dimensions	Inches	33" x 17" x 21"	33" x 17" x 21"	33" x 17" x 21"
Estimated Water Content*	Litres/Usq	6.7-8 L 1.77-2.1USG	8.3-9.5 L 2.1-2.5USG	10.2-10.4 L 2.7-2.74 USG
Weight (empty)	Lbs. (kg)	174 (79)	183 (83)	187 (85)
Flow/Return connections	Inches NPT thread	1 1/2"	1 1/2"	1 1/2"
Gas connection	Inches	1"	1"	1"
Turndown Ratio*	1:x	6.5	5.5	6.0
Exhaust & Intake connections (multiple options)	Mm / In	100 / 4"	100 / 4"	150 / 6"
Gross Input*	BTU / Hr	46,000-299, 000	72,000-399,000	83,000-470,000
Recovery Rate 100°F	Gal/ Hr	340	456	542
AFUE **	%	95	-	-
Thermal Efficiency*	%	96	96	96
Gas Supply Pressure: nom/min/max	Inches wc ("")	7"/3.5"/11"	7"/3.5"/11"	7"/3.5"/11"
Maximum Power Consumption	W	180	200	280
Power Supply	V/Ph/Hz	120/1/60	120/1/60	120/1/60
Service Power Switch	Ampere	15	15	15

* Specific details for CHB or HWB please contact the factory

** Based on standard test procedures prescribed by the US Department of Energy



**Cascade Racking
System Available.
Contact us for
further details**



Subscribe to Eco-King on:



For more information visit: www.ecokingheating.com