



# IONIC

## WALL MOUNT



**SOLUTIONS  
OFFERED AS A  
BOILER OR A VOLUME  
WATER HEATER**

# From easy install to long-lasting reliability, it's the trusted commercial boiler.



Easy installation  
and maintenance



Compact  
wall-mounted  
boilers and  
water heaters



Low NOx  
Certified



Robust  
stainless steel  
heat exchanger



Practical Full  
Text Control



## EXPERT ACADEMY

**Training seminars** are offered throughout the year at our state-of-the-art training headquarters in West Deptford, New Jersey and at several locations throughout the United States and Canada. Our facility provides classroom and hands-on training in our live fire training room led by our experienced and knowledgeable instructors.



Modulation  
up to 6.5:1



Modbus connection  
as standard



Field  
convertible



Optional BACnet  
accessory



Models range from  
299 to 500 MBH



Cascade up to  
16 boilers



Easy-to-read  
error history



As **industry leaders** in the manufacture and supply of quality stainless steel hot water heating equipment, we provide highly dependable and reliable products. We are also committed to providing expert training for contractors and installers to ensure our products deliver long-lasting performance.

# Specifications.

## IONIC WCB COMMERCIAL WALL BOILER

					AHRI Certified		
Model	Input MBH		Output* MBH	Net AHRI Rating MBH	AFUE	Thermal Efficiency	Combustion Efficiency
	Min	Max					
CB299W	46	299	289	238	95.1%	-	-
CB399W	72	399	381	329	-	95.5%	95.4%
CB470W	83	470	453	394	-	95.6%	95.1%
CB500W	83	500	475	413	-	95.1%	94.5%

\*Output is "Heating Capacity" for units with inputs <300 MBH and "Gross Output" for units ≥ 300 MBH.

## IONIC WWH WALL VOLUME WATER HEATER

					AHRI Certified	
Model	Input Rate BTU/H		Thermal Efficiency	Input Minimum BTU/H	GPH 100F Rise	
WH299W	299,000		96.0%	46,000	346	
WH399W	399,999		96.0%	72,000	457	
WH470W	470,000		96.0%	83,000	549	
WH499W	499,000		96.0%	83,000	583	

## DIMENSIONS AND SPECIFICATIONS

Turn Down	Rated Volume	S/R Water Conn. MNPT	Gas Conn. NPT	Flue Conn. Vent/Air	Vent Length	Boiler			Weight lbs
						Height	Width	Depth	
6.5:1	2.1	1-1/2"	1"	4"	200'	33-1/3"	17-1/3"	21-1/5"	184
5.5:1	2.5	1-1/2"	1"	4"	121'	33-1/3"	17-1/3"	21-1/5"	193
5.7:1	2.7	1-1/2"	1"	6"	200'	33-1/3"	17-1/3"	21-1/5"	198
6:1	2.7	1-1/2"	1"	6"	200'	33-1/3"	17-1/3"	21-1/5"	198



NSF/ANSI/CAN 372