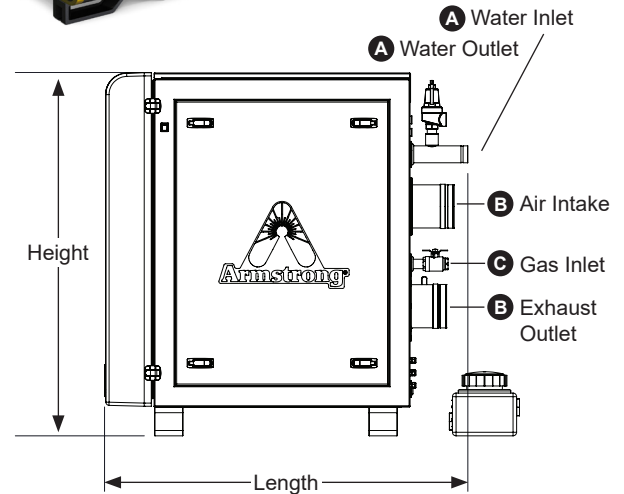
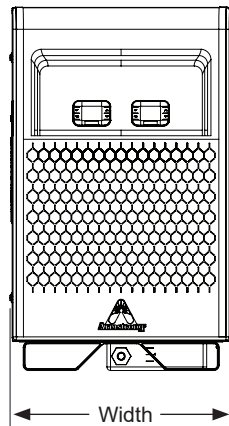




ABH-XL 800, 1000 & 1500

Standard Equipment

- 316L stainless steel water tube heat exchanger, 160 psig (11 barg) ASME H
- 5:1 burner modulation
- Self-diagnostic microprocessor controls
- Externally adjustable set point (0–10v)
- Sealed combustion
- AL29-4L vent materials
 - Can accommodate PP, CPVC, or PVC via use of appropriate adapters
- Pressure relief valve
- Inlet & outlet water temperature sensor
- Exhaust temperature sensor
- Gas inlet pressure transducer
- Dual high limit sensor (fixed & adjustable)
- Thermal shock proof heat exchanger
- For domestic and/or hydronic heating applications



Equipment only options:

- Cascade controls, cascade up to 8 units
- Condensate neutralizer
- Circulating pump
- Outdoor rated available
- HLW option available

Table 1 - Unit Dimensions

Heater/Boiler														
Model	Width		Height		Depth		A (VIC Groove)		B		C		Shipping Weight	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	lb	kg
XL800	31.6	803.2	51	1295	51	1295	2	50	6	152	1	25	650	295
XL1000	31.6	803.2	51	1295	69.2	1757.4	2	50	6	152	1	25	750	340
XL1500	31.6	803.2	51	1295	69.2	1757.4	2	50	8	203	1.5	38	850	385

Table 2 - HX Data

Model	Input		Water Heater* Output		Boiler Output**		Recovery @ 100° FΔT (55.6° CΔT)		Recovery @ 80° FΔT (44.5° CΔT)		Recovery @ 60° FΔT (33.3° CΔT)		Water Flow Rate & Pressure Drop DHW †		Water Flow Rate & Pressure Drop Heating	
	BTU	kW	BTU	kW	BTU/Hr	kW	GPH	LPH	GPH	LPH	GPH	LPH	GPM@FT	LPM@M	GPM@FT	LPM@M
XL800	795,000	233	up to 771,150	up to 226	up to 755,250	up to 221	926	3,505	1,157	4,380	1,543	5,841	51.4@12'	195@3.7M	30.2@7'	114@2.1M
XL1000	999,999	293	up to 969,999	up to 284	up to 949,999	up to 278	1,164	4,406	1,456	5,512	1,941	7,348	64.7@15.2'	245@4.6M	38.0@8.5'	144@2.6M
XL1500	1,475,000	432	up to 1,430,750	up to 419	up to 1,401,250	up to 410	1,718	6,494	2,147	8,115	2,863	10,822	82.9@17.3'	314@5.3M	56.8@10.3'	215@3.1M

- Rates shown are for natural or propane gas and elevations up to 9,000 feet (2,743M)
- † Individual appliance piping pressure drop used in the tables is based on 20 feet (6M) of straight pipe, 6 elbows, 2 tees, 2 full port ball valves, and 2 unions
- * At 97% thermal efficiency with 86° F (30° C) incoming water to the heat exchanger
- ** At 95% thermal efficiency with 140° F (60° C) incoming water to heat exchanger
- All recovery rates based on domestic water heating
- Dimensions are approximate. Please consult the factory before installation
- Maximum amperage draw at 208-240 volts split phase, single phase is less than 11.2 amps including circulation pump

Designs, materials, weights and performance ratings are approximate and subject to change without notice. Visit armstronginternational.com for up-to-date information.