

Infinite Energy 2 Condensing Boiler

Maximize the efficiency of your greenhouse with the Infinite Energy 2 condensing boiler.

Whether you're building a new greenhouse or upgrading an existing one, the Infinite Energy 2 (IE2) condensing boiler will ensure the ultimate in fuel efficiency. The IE2 uses a radial variable circulation stainless steel heat exchanger for maximum heat transfer, resulting in up to 98% efficiency. These durable heat exchangers are easily serviceable and ASME certified. The system also features larger waterways that can use fresh water. The unit's modular design and integrated controls provide flexibility and non-stop functionality.

An Intuitive Control System

The IE2's MODBUS-based controls are readily set up and provide auto-diagnostics for all of the major components and functions. Temperature sensors, fan speed rotation and other operations are continuously monitored, and the system provides visual notification of errors and lockouts. Easy-to-see back-lit visual readouts help you keep track of supply, flue and tank temperatures as well as water flow.

Advantages of IE2

- Condensing boiler means a smaller footprint
- Includes a completely serviceable heat exchanger
- Stainless steel heat exchanger with larger waterways
- Modular system (made up of one to four modules, providing redundancy within the system plus modulation)
- Sealed combustion units can be installed in various configurations and can be vented with inexpensive PVC pipe.
- Provides freeze protection, water pressure monitors and auto diagnostics
- Economical (unit offers up to 98% efficiency)
- Comes with an integrated condensate neutralizer system

IE2 1 million BTU unit

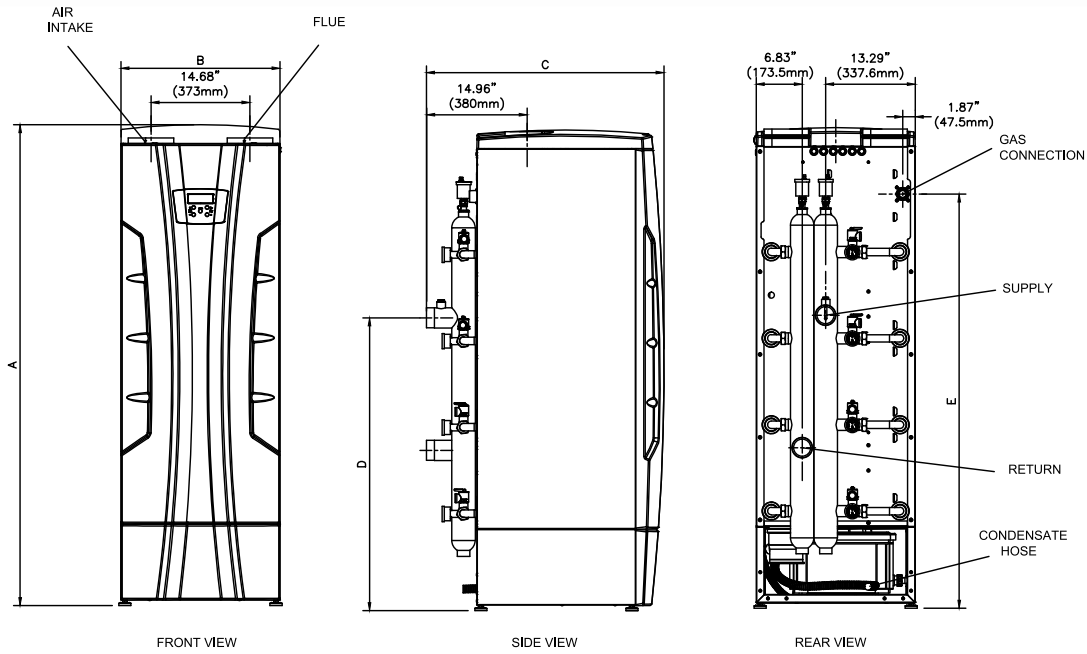
About Delta T Solutions

No one knows heating better than Delta T Solutions. For over 30 years, we've developed commercial heating and cooling systems that are customized to individual horticultural growing operations. Delta T Solutions will analyze your operation and provide a custom-engineered design to minimize energy expenses and help maximize your profits.



IE2 1 million BTU unit

Specifications:



Dimensions & Ratings

Model	Input		Output		Flue Vent	Air Intake	Connections		Weight	
	MBH	kW	MBH	kW			Gas	Water	Lbs	Kg
IB/IW 399	399	117	376	110	4"	3"	1"	1 1/2"	325	147
IB/IW 500	500	147	472	138	4"	3"	1"	1 1/2"	340	154
IB/IW 750	750	220	711	208	6"	6"	1 1/4"	2 1/2"	550	250
IB/IW 1000	999	293	952	279	6"	6"	1 1/4"	2 1/2"	635	288

Hourly Recovery Capacity

Model	Temperature Rise											
	40 F	22 C	60 F	33 C	80 F	44 C	100 F	56 C	120 F	67 C	140 F	78 C
IB/IW 399	1131	4274	754	2849	565	2137	452	1710	377	1425	323	1221
IB/IW 500	1420	5368	947	3578	710	2684	568	2147	473	1789	406	1534
IB/IW 750	2139	8085	1426	5390	1069	4043	856	3234	713	2695	611	2310
IB/IW 1000	2864	10826	1909	7217	1432	5413	1146	4330	955	3609	818	3093

Drawing Dimensions

Model	A		B		C		D		E	
	In	cm	In	cm	In	cm	In	cm	In	cm
IB/IW 399	45.7	116	23.6	60	34.8	88.5	25	63.4	35.8	90.8
IB/IW 500	45.7	116	23.6	60	34.8	88.5	25	63.4	35.8	90.8
IB/IW 750	71.5	181.5	23.6	60	35.3	89.6	43.5	110.5	61.5	156.3
IB/IW 1000	71.5	181.5	23.6	60	35.3	89.6	43.5	110.5	61.5	156.3

Creating custom horticultural heating & cooling solutions for over 30 years

