

**timfog**



**EUROCO<sub>2</sub>-GH**

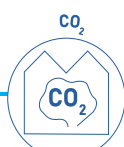
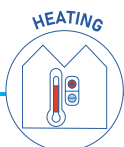
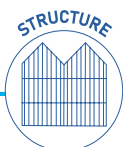
**Greenhouse Applications**

# EUROCO<sub>2</sub>-GH

GREENHOUSE APPLICATIONS



## Three-Pass Hot Water Boiler



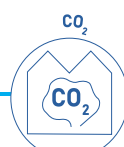
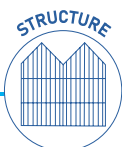


## EUROCO -GH BOILER – GREENHOUSE APPLICATIONS

Three-Pass Hot Water Boiler

### FEATURES

- \* 2330 – 9300 kW capacity range
- \* Three-pass design for optimal thermal balancing and efficient heat energy use
- \* Long boiler life thanks to uninterrupted heat flow in all three passes and balanced cooling of flue gases
- \* Low NOx emissions due to specially designed burner and flame sleeve sizing
- \* High operational safety with integrated ejector openings designed for uniform temperature distribution and plates directing return water to the boiler's hot zones
- \* Cover design allows easy access during maintenance

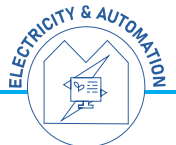
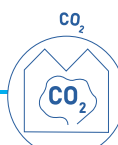
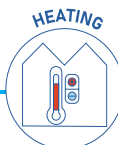


## EUROCO2-GH BOILER – GREENHOUSE APPLICATIONS

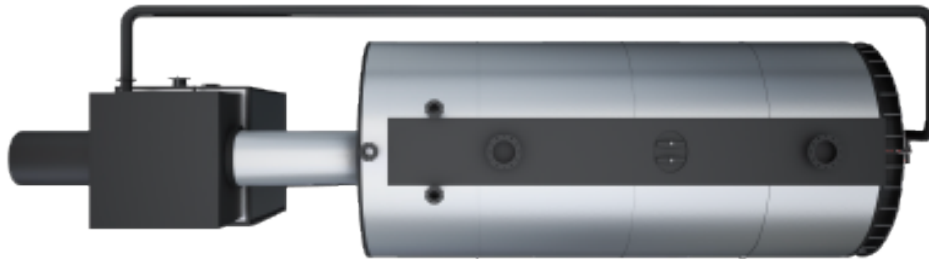
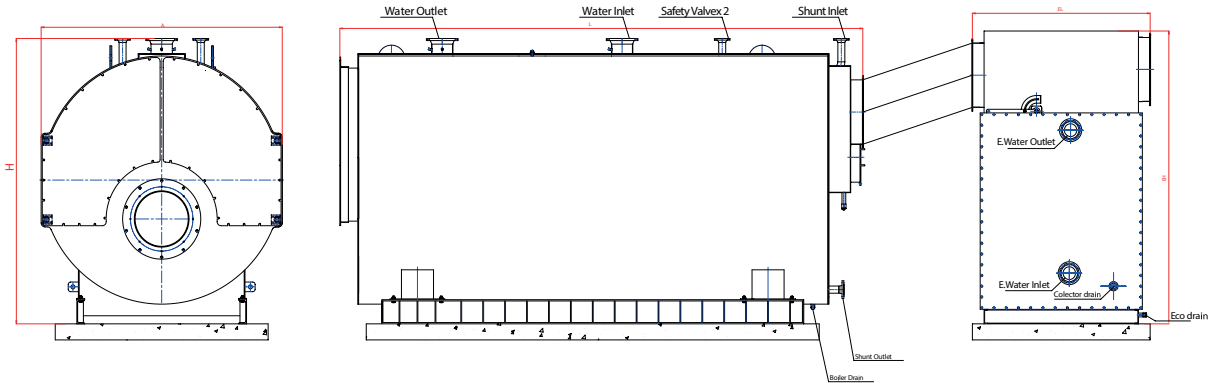
Intensive R&D efforts have been carried out in our CO<sub>2</sub> boiler series, aimed at low emissions, to ensure complete combustion within the flame sleeve through advanced burner technology and combustion chamber design. Development continued in the R&D laboratory until the best performance values were achieved through rigorous testing.

The tests demonstrated low harmful emissions, with CO at 0 ppm, minimizing environmental impact while producing high-quality CO<sub>2</sub>. This feature makes the series suitable for greenhouse applications.

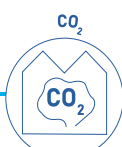
Thanks to the condensing economizer, high efficiency can be achieved with low flue gas temperatures.



## DIMENSIONS

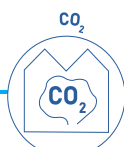
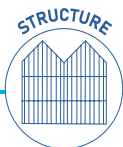


Euromax CO2 BOILER		2330	3500	4000	5000	6000	7000	8000	9300
Nominal Capacity	kW	2330	3500	4000	5000	6000	7000	8000	9300
Heat Input	kW	2353	3535	4040	5050	6060	7070	8080	9394
Operating Pressure	bar	2,5							
Design Pressure	bar	3							
Test Pressure	bar	4,29							
Boiler Water Volume	lt	7545	11910	13080	16310	18792	21756	22241	28927
Counter Pressure	mbar	4,00	4,00	4,00	4,00	4,00	4,00	4,00	4,00
Water Inlet-Outlet Diameter	DN	150	200	250	250	300	300	300	300
Safety Valve Diameter	DN	50	65	65	80	80	100	100	125
Shunt Pump Nozzle	DN	65	80	80	80	80	100	100	100
Boiler Width	mm	2070	2410	2545	2700	2895	3095	3150	3250
Boiler Height	mm	2440	2780	2945	3100	3290	3500	3550	3700
Boiler Length	mm	5610	5610	5950	6460	6460	6460	6700	7685
Flue Gas Outlet Diameter	mm	450	550	600	650	750	850	900	900





Boiler capacity	kW	2.330,00	3.500,00	4.000,00	5.000,00	6.000,00	7.000,00	8.000,00	9.300,00
Economizer Capacity	kW	195	295	335	420	502	584	668	776
Eco Counter Pressure	mbar	1,2	1,5	1,5	2	2	2,5	2,5	2,5
Eco Width	mm	1295	1720	1920	2110	2110	2110	2110	2220
Eco Height	mm	3290	3290	3050	3050	3290	3350	3765	3960
Eco Length	mm	2860	2860	2860	2860	2860	3262	3262	3320
Flue Gas Inlet Diameter	mm	450	550	600	650	750	800	900	900
Flue Gas Outlet Diameter	mm	450	550	600	650	750	800	900	900
Water Inlet-Outlet Dia.	DN	100,00	125,00	125,00	150,00	150,00	150,00	150,00	200,00
Drain Nozzle	inç	2	2	2	2	2	2	2	2
Flue Gas Inlet Temperature	°C	180	180	180	180	180	180	180	180
Flue Gas Outlet Temperature	°C	73	73	73	73	74	74	74	74
Water Inlet Temperature	°C	55	55	55	55	55	55	55	55
Water Outlet Temperature	°C	57	57	57	57	57	57	57	57
Water Flow Rate	m3/h	80	120	138	172	206	215	220	256



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