

Gassero
technology for your comfort



ENVIRONMENT-FRIENDLY

ULTRABOX CONDENSING COMMERCIAL GAS BOILERS

**UP TO 97% THERMAL EFFICIENCY
STAINLESS STEEL HEAT EXCHANGER
USER FRIENDLY TOUCHSCREEN INTERFACE**

Ultrabox 800-1250-1500-2000



High efficient solutions

Gassero Ultrabox boiler series have efficiency of up to 97%. Thanks to lower fuel consumption and lower heating costs, condensing boilers have short return on investment and reducing heating costs up to 20% in comparison with conventional boilers. High turn down ration prevents short cycling and temperature overshoot.

Simplified serviceability

Gassero Ultrabox boilers and heat exchangers are designed to provide ease of access for simplified and quick maintenance allowing one-man serviceability. Being installer's best friend, Gaassero Ultrabox boilers allow easy maintenance, and cleaning providing quick and cost effective solution.

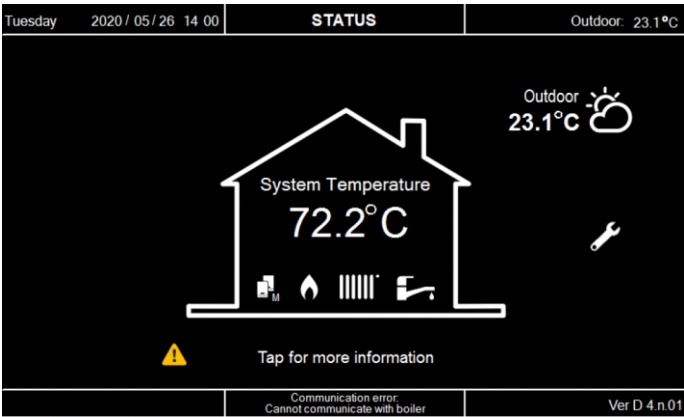
Control system with smart touchscreen

High resolution colour touchscreen display provides clear visual monitoring and programming of system parameters. Boilers can be connected to Building Management Systems via ModBus or optional BACnet translator.

Wide range of venting choices

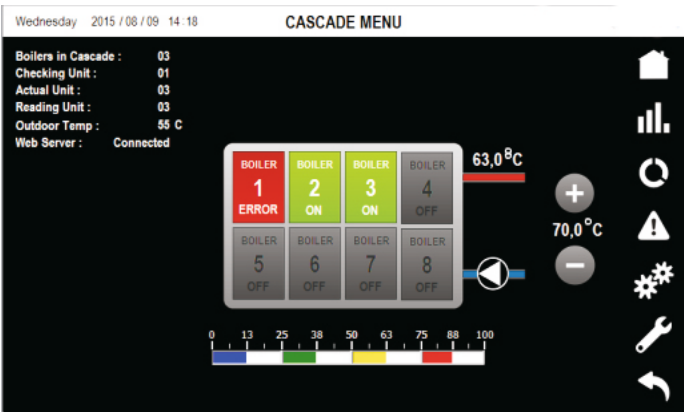
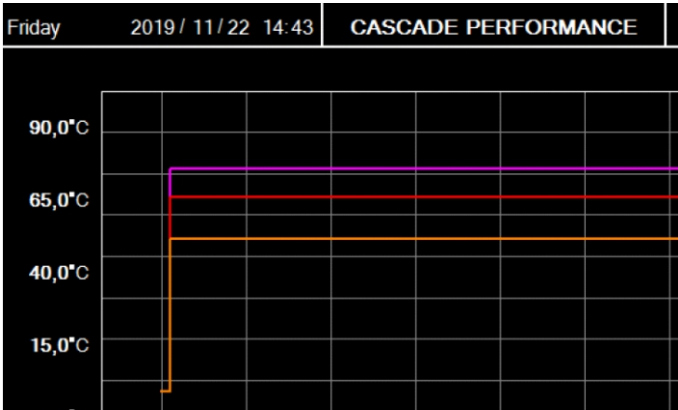
Gassero boilers offer 6" and 8" vent choices with up to 150 feet length using either PVC, CPVC Polypropylene or AL29-4C stainless steel vent pipe.

TOUCHSCREEN DISPLAY



Gassero’s advanced and user-friendly touchscreen interface allows easy access to boiler state, quick and easy adjustments of temperature setpoints, operation times, heating zone management, pump settings, and performance graphs.

Easy access to boiler operation, temperature graphs and error logs.



Easy access to cascade management module, monitoring of cascade operation or each individual boiler and access to fault history.

USAGE AREAS



Buildings and Residence



Hotels and Hospitals



Schools



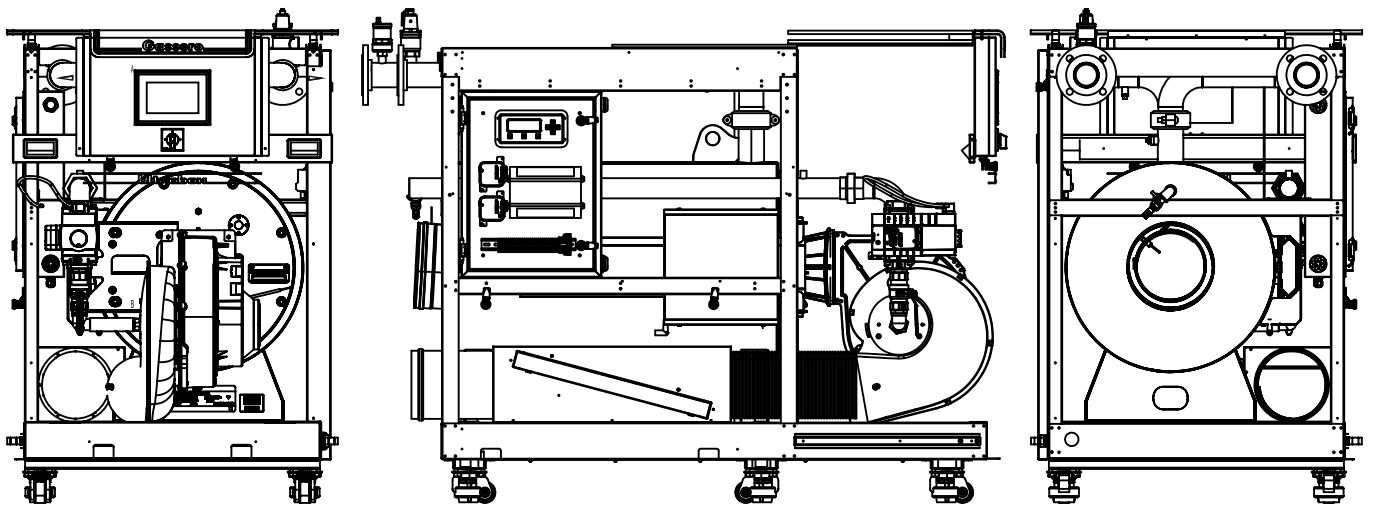
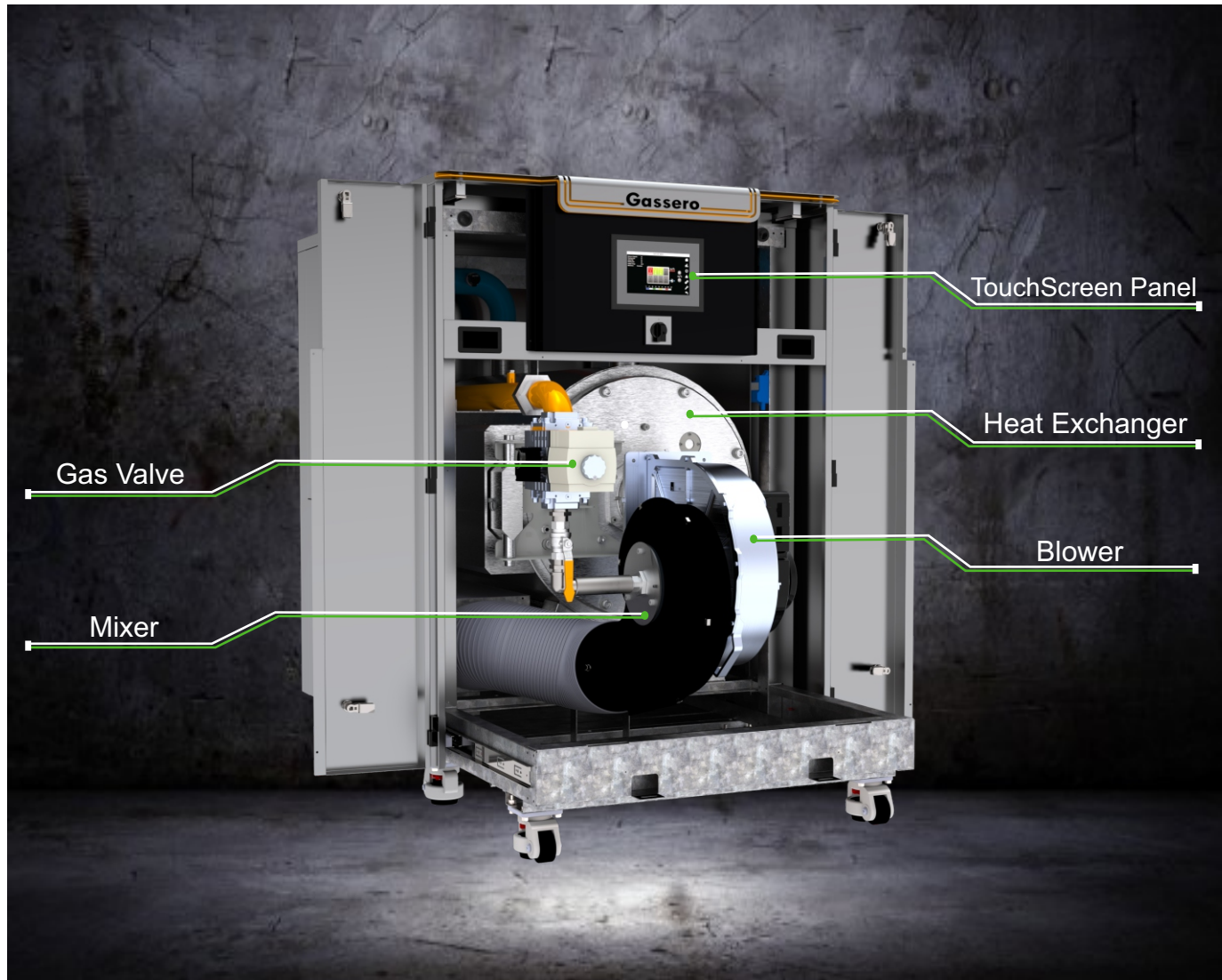
Business Centers



Restaurants

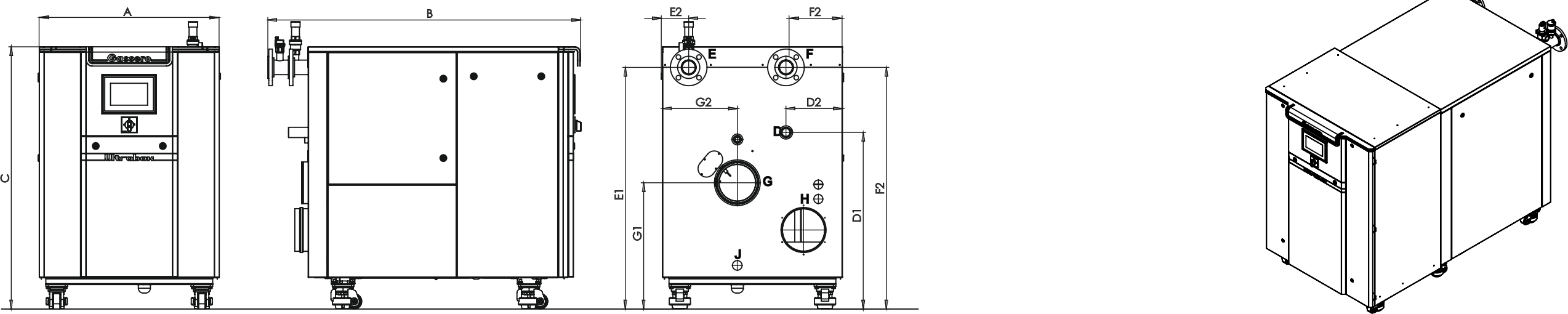


Gyms



	Units	Ultrabox 800	Ultrabox 1250	Ultrabox 1500	Ultrabox 2000
Boiler Type	-	Condensing (H/HLW), Indoor			
Heat Exchanger	-	Stainless Steel			
Operation Type (Air-Fuel)	-	Pneumatic			
Max Input Rate	Mbtu/hr	824,74	1288,66	1546,39	2061,86
	kW	241,72	377,68	453,22	604,3
Min Input Rate	Mbtu/hr	91,64	143,18	171,82	229,1
	kW	26,86	41,96	50,36	67,15
Max Output Rate	Mbtu/hr	800,00	1250,00	1500,00	2000,00
	kW	234,47	366,35	439,62	586,17
Min Output Rate	Mbtu/hr	88,89	138,89	166,67	222,22
	kW	26,05	40,71	48,85	65,13
Thermal Efficiency	%	97,00	97,00	97,00	97,00
Turndown Ratio	-	9:1	9:1	9:1	9:1
Water Flow at Max Power (Δ36°F/20°C)	GPM	45,33	70,85	85,12	113,33
	m³/h	10,30	16,09	19,33	25,74
Hydraulic Pressure Drop at Max Power (Δ36°F/20°C)	Ft. Head	5,0	7,5	8,0	8,2
	m	1,5	2,3	2,4	2,5
Boiler Water Volume	Gallons	6,6	11,0	12,9	19,8
	l	24,8	41,5	48,9	74,8
Max Allowable Water Pressure	PSI	160			
	bar	11			
Safety Relief Valve Pressure (Standart)	PSI	75			
	bar	5,17			
Limit Thermostat Temperature	°F	203			
	°C	95			
Max Operating Temperature	°F	185			
	°C	85			
Operating Conditions	-	14-122 °F ambient temperature, 90% relative humidity			
Fuel Type	-	Natural Gas, Propane			
Natural Gas Pressure min/max	Inch W.C	4/14			
	mbar	10/35			
Propane Pressure min/max	Inch W.C	4/14			
	mbar	10/35			
Flue Type	-	Sealed Combustion Direct Vent, Category IV			
Allowed Flue Vent Materials	-	CPVC, PVC, PP, Stainless steel			
Electrical Supply	-	120 V 60 Hz			208/3PH WYE 60 Hz
Flue Gas Outlet	inches	6	8	8	8
	mm	150	200	200	200
Combustion Air Inlet	inches	6	8	8	8
	mm	150	200	200	200
Packaged Width	inches	38,2	47,6	47,6	47,6
	mm	970	1210	1210	1210
Packaged Depth	inches	59,4	71,3	76,4	84,3
	mm	1510	1810	1940	2140
Packaged Height	inches	61,8	73,6	73,6	73,6
	mm	1570	1870	1870	1870

	ULRTABOX 800		ULRTABOX 1250		ULRTABOX 1500		ULRTABOX 2000	
	MILLIMETER	INCHES	MILLIMETER	INCHES	MILLIMETER	INCHES	MILLIMETER	INCHES
A (Width)	748mm	29.44"	990mm	38.97 "	990mm	38.97 "	990mm	38.97 "
B (Length)	1300mm	51.18"	1630mm	64.17"	1750mm	68.89"	1955mm	76.96"
C (Height)	1090mm	42.91"	1410mm	55.51"	1410mm	55.51"	1410mm	55.51"
D (Gas inlet)	NPT 2"	NPT 2"	NPT 2"	NPT 2"	NPT 2"	NPT 2"	NPT 2"	NPT 2"
D1	735mm	28.93"	940mm	37"	940mm	37"	940mm	37"
D2	235mm	9.25"	220mm	8.66"	220mm	8.66"	220mm	8.66"
E (Water outlet conn.)	2"LB150 FLAN.	2"LB150 FLAN.	2 1/2"LB150 FLAN.	2 1/2"LB150 FLAN.	2 1/2"LB150 FLAN.	2 1/2"LB150 FLAN.	2 1/2"LB150 FLAN.	2 1/2"LB150 FLAN.
E1	1005mm	39.56"	1275mm	50.19"	1275mm	50.19"	1275mm	50.19"
E2	115mm	4.52"	165mm	6.49"	165mm	6.49"	165mm	6.49"
F (Water inlet conn.)	2"LB150 FLAN.	2"LB150 FLAN.	2 1/2"LB150 FLAN.	2 1/2"LB150 FLAN.	2 1/2"LB150 FLAN.	2 1/2"LB150 FLAN.	2 1/2"LB150 FLAN.	2 1/2"LB150 FLAN.
F1	1005mm	39.56"	1275mm	50.19"	1275mm	50.19"	1275mm	50.19"
F2	240mm	9.44"	165mm	6.49"	165mm	6.49"	165mm	6.49"
G (Flue diamter)	Ø150mm	6"	Ø200mm	8"	Ø200mm	8"	Ø200mm	8"
G1	525mm	20.66"	708mm	27.87"	708mm	27.87"	708mm	27.87"
G2	312mm	12.28"	416mm	16.45"	416mm	16.45"	416mm	16.45"
H (Air intake)	Ø150mm	6"	Ø200mm	8"	Ø200mm	8"	Ø200mm	8"
H1 (Air filter size)	280x300x20mm	11.02"x11.81"x0.78"	292x595x45mm	11.49"x23.42"x1.77"	292x595x45mm	11.49"x23.42"x1.77"	292x595x45mm	11.49"x23.42"x1.77"
J (Condensate drain)	Ø40	1.57"	Ø40	1.57"	Ø40	1.57"	Ø40	1.57"



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Gassero Isı Teknolojileri



gassero_offical



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