



AIREX FROM 25 TO 80



AIREX BICOMB FROM 25 TO 50



AIREX 150 - 200

## 0BAIREX 2S

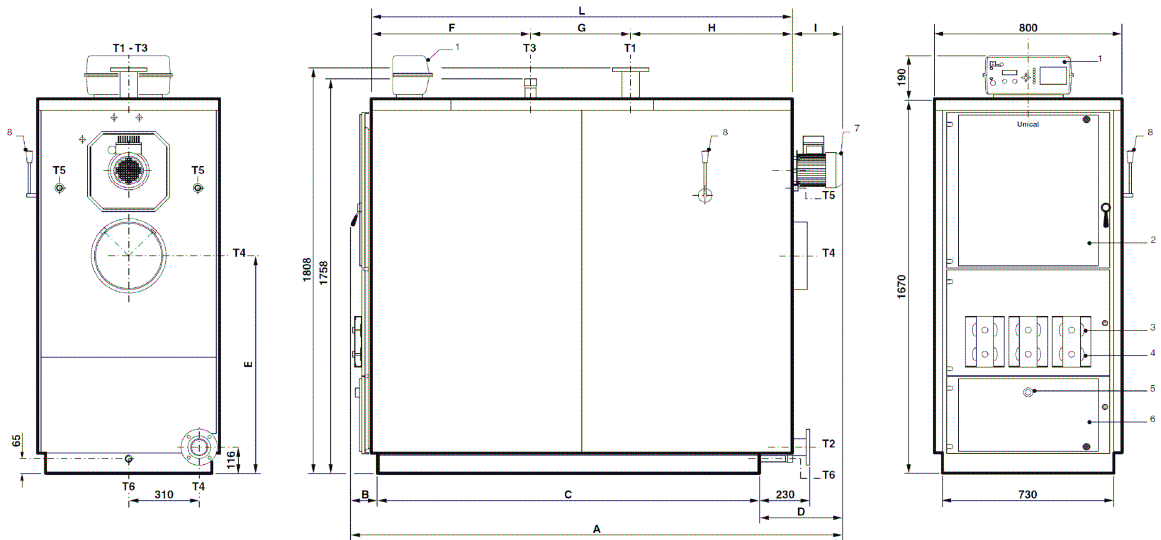
**Az AIREX 150 és 200-as inverteres faelgázosító kazánokat javasoljuk alkalmazni, de az Airex 25...80 közötti kazánokat Magyarországon csak külön kérésre hozatjuk be, mert helyettük a jóval kedvezőbb árfekvésű Gasogen kazánokat javasoljuk.**

### General description

*Total gasification, wood fired steel boiler, with pyrolytic combustion*

- Reversed flame combustion
- High efficiency, close to 90%
- Combustion optimization and control through the regulation control of the primary and secondary air
- Firewood gasification fan place on the smoke suction
- Refractory catalyst place in the lowest part of the combustion chamber
- Firewood storage room with wall thickness of 8 mm
- Automatic smoke by-pass to avoid the smokes rejection in the room
- Built-in anti-condensation system with thermostatic modulating valves (Patented)
- Models 150 and 200, with heat exchange through vertical smoke pipes and with a special cleaning system
- Wide doors of wood storage room and combustion chamber for an easy wood loading and maintenance
- Casing insulation with anti-tearing rock wool mattress (thickness 60 mm)
- Safety heat exchanger for overheating prevention, constituted by a steel coil, immersed directly in the upper part of the boiler
- Panel board that automatically manages the temperature of the water and the fan operation Models 150 and 200, equipped with electronic panel board with multi-language display and management of the C.H. system
- 
- **"BICOMB" version**
- An auxiliary boiler, for gas or oil pressure jet burner, is supplied already fitted on top of the wood fired one, with the following characteristics:
- Dry, reversed flame combustion chamber
- Anticondensation system with adjustable stainless steel turbulators
- Cast iron combustion chamber door, with double opening (to the right or to the left) and ceramic fiber insulation
- Integral insulation of the body with rock wool anti-tearing mattress (thickness 60 mm) Panel board with automatic ignition of the auxiliary boiler when the firewood is finished
- 
- Options: Kit of anticondensation recirculation pump

## DIMENSIONS AIREX 150 – 200



### Technical data

MODELS		AIREX 150	AIREX 200
NOMINAL OUTPUT*	(kW) kBtu/hr	(149,3) 509	(199,7) 681
NOMINAL INPUT	(kW) kBtu/hr	(166,8) 569	(223,4) 762
DIMENSIONS			
A	(mm)	2201	2461
B	(mm)	151	151
C	(mm)	1679	1939
D	(mm)	371	371
E	(mm)	968	968
F	(mm)	698	798
G	(mm)	440	540
H	(mm)	713	773
I	(mm)	224	224
L	(mm)	1851	2111
CONNECTIONS			
T1	EN 1092-1 PN16	DN 65	DN 65
T2	EN 1092-1 PN16	DN 65	DN 65
T3	ISO 7/1	Rp 1½	Rp 1½
T4	(Øe mm)	300	300
T5	ISO 7/1	R ¾	R ¾
T6	ISO 7/1	R ¾	R ¾
BOILER WATER CONTENT		(l)	430
WATER SIDE PRESSURE LOSSES**		(m c.a.)	0,39
MAXIMUM WORKING PRESSURE		(bar)	3
WOOD STORAGE VOLUME		(l)	495
WOOD LOADING OPENING DIMENSIONS		(mm)	514x594
WEIGHT		(kg)	---
WOOD LOGS LENGTH***		(cm)	100
EFFICIENCY CLASS PR EN 303.5 :2011			5
EMISSIONS CLASS PR EN 303.5 :2011			5
CO at 10% O2		(mg/Nm³)	687
DUSTS at 10% O2		(mg/Nm³)	25
NOx at 10% O2		(mg/Nm³)	232
OGC at 10% O2		(mg/Nm³)	15
FAN CONSUMPTION		(Volt/Watt)	230/250

\* Potenza ottenuta con legna di buona qualità contenente il 15% di umidità \*\* Perdite di carico corrispondenti alla portata relativa ad un salto termico di 15K

- Rendimenti ed emissioni conformi alla classe 3 EN 303-5

\* Potenza ottenuta con legna di buona qualità contenente il 15% di umidità.

\*\* Perdite di carico corrispondenti alla portata relativa ad un salto termico di 15K

\*