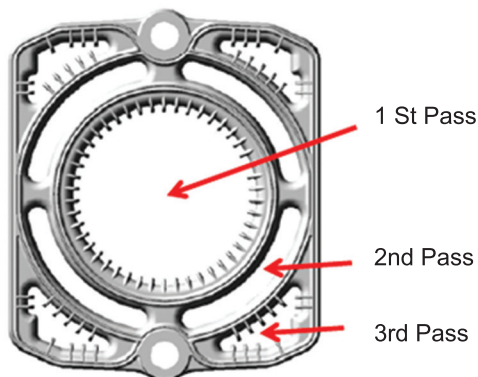


- Cast Iron Sectional
- Central Heating Boiler
- 3 Pass Design
- Low Temperature

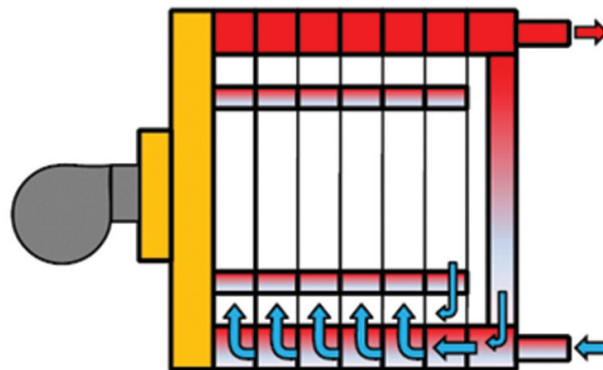


- Possibility of burning by Natural gas, LPG and liquid fuel (diesel fuel, Fuel-oil)
- Section design resistant to thermal shocks by means of elastic casting technology
- Very long operational life (30 years) by means of cast iron sections resistant against corrosion
- Uncondensed operation by means of Return Flow System
- Design in compliance with low temperature systems
- High efficiency (93%) with low fuel consumption
- Installation application, not necessitating shunt pump due to Return Flow System.
- 30 % less heat loss by means of special heat isolation, which is not harmful for human and environmental health
- Possibility of increasing boiler capacity later on by slice addition
- Easily assembly in slices at the operation place without any wall destruction
- System, carrying out the by-pass function within itself by means of Return Flow System (*)
- 5 % cheaper first foundation cost
- Boilers having the lowest return water temperature among the cast iron boilers with similar construction
- 93 % efficiency for firing Natural Gas and Diesel Fuels
- Operation without any problems due to wide and experienced service

ISO 9001   1783



Due to the property that we call return flow system for operation in the low temperature system, the condensation problem that occurs in other boilers does not occur in our boilers when the boiler return water temperature decreases. Thanks to the Return Flow System, the cold water returning to the boiler is sprayed into the boiler so that it is evenly distributed to the boiler pouring slices. In this way, the cold water entering the winner is prevented from coinciding with hot water and forming a single point. The condensation problem in the boiler brings corrosion and mold problems together and seriously shortens the life span of the boilers. The return water temperature in our boilers is 40 ° C when using with natural gas and LPG fuels, 30 ° C min. When using with Motor and Fuel-Oil No. 5 fuels. no coagulation will occur. However, it is normal to see some condensation until the boiler water temperatures reach equilibrium at the first run, ie the return water temperature reaches the above values. When the boiler reaches the balance, the choking will be stopped.



GT Boiler

BOILER TYPE		GT-10	GT-11	GT-12	GT-13	GT-14
Number of sections		10	11	12	13	14
Rated heat output	kW	436	494	552,3	610,5	668,6
	kCal/h	375.000	425.000	475.000	525.000	575.000
Flue gas resistance	mbar	2,5	3	3,6	4,2	4,9
Max.working temperature	°C	95				
Max.working pressure	bar	6				
Water circulation diameter	DN	80 (3")				
Gaseous temperature	°C	180				
Outflow diameter (Ø)	mm	300				
Boiler water capacity	lt	197	215	233	251	269
Burner mounting slot	Diameter (Ø)	180				
	Depth	min.125				
Combustion chamber measurements	Diameter (Ø)	500				
	Depth	1150	1265	1380	1495	1610
Width	mm	980				
Height	mm	1140				
Length	mm	1450	1565	1680	1795	1910
Weight (Boiler block + pallet)	kg	1265	1400	1540	1670	1800
Certification	CE Mark & TSE Certificate					