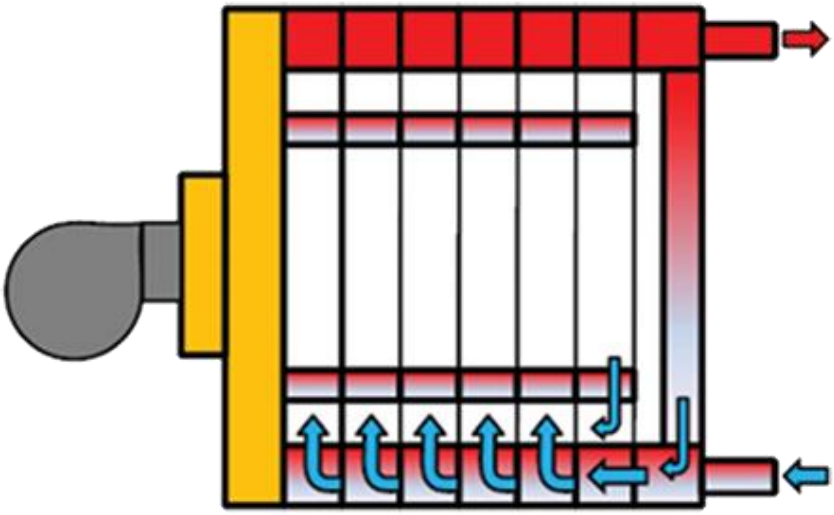
Due to the property that we call return flow system for operation in the low temperature system, the condensation problem that occurs in other boilers does not occur in our boilers when the boiler return water temperature decreases. Thanks to the Return Flow System, the cold water returning to the boiler 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, i.e. the return water temperature reaches the above values. When the boiler reaches the balance, the choking will be stopped.



BOILER MODEL			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				
Water content		lt	197	215	233	251	269
Burner mounting Slot	Diameter (Ø)	mm	180				
	Depth	mm	min.125				
Combustion chamber measurements	Diameter (Ø)	mm	500				
	Depth	mm	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				