

T2007

SERIES HORIZONTAL DIESEL FIRED BOILERS

T2007 series horizontal dry-back diesel fired boilers have been engineered to be employed both in hydrocleaning industry and on professional washing equipment carrier vehicles.

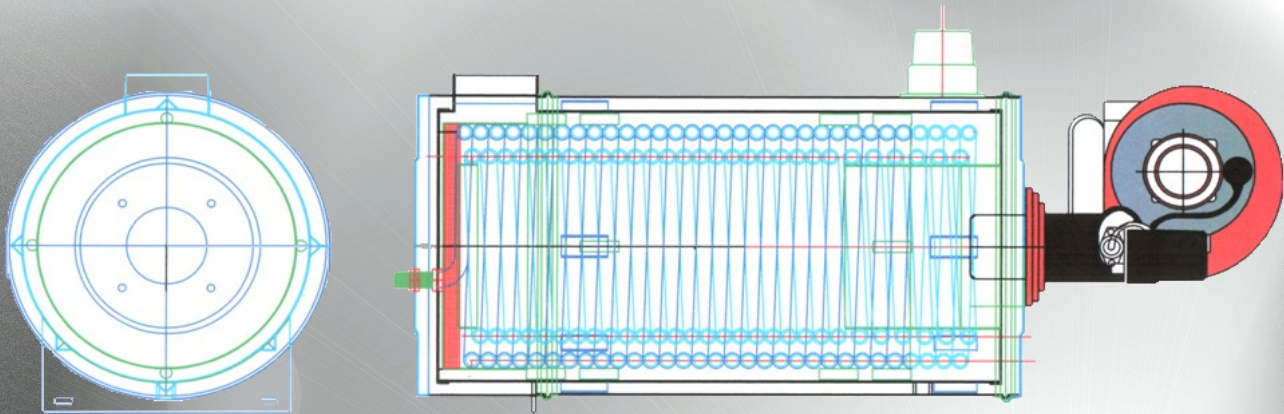
This boiler's distinctive characteristics that make it unique are:

- ✓ **solid, stable** structure, engineered for heavy-duty cycle and long-term performance.
- ✓ **reduced dimensions and weight**, due to dry-back process system, unlike other similar boilers that still use the wet-back design system.
- ✓ **high throughput rates** due to the use of a 1/2 inch coil pipe, that can bear **up to 30-35 lt/min.** with minimal pressure drop and allows a working pressure of above 300 bar (requires a special high pressure coil);
- ✓ **high combustion coefficient** (which makes the condensation process easier), achieved by a three-pass flue, where exhaust gases are conveyed before being released through the chimney, and by using an over 155,000 kcal capacity burner. All this leads to less energy loss, to a higher outlet water temperature and to less fuel consumption;
- ✓ **Safety**, ensured by an electronic flame control unit installed on every burner;

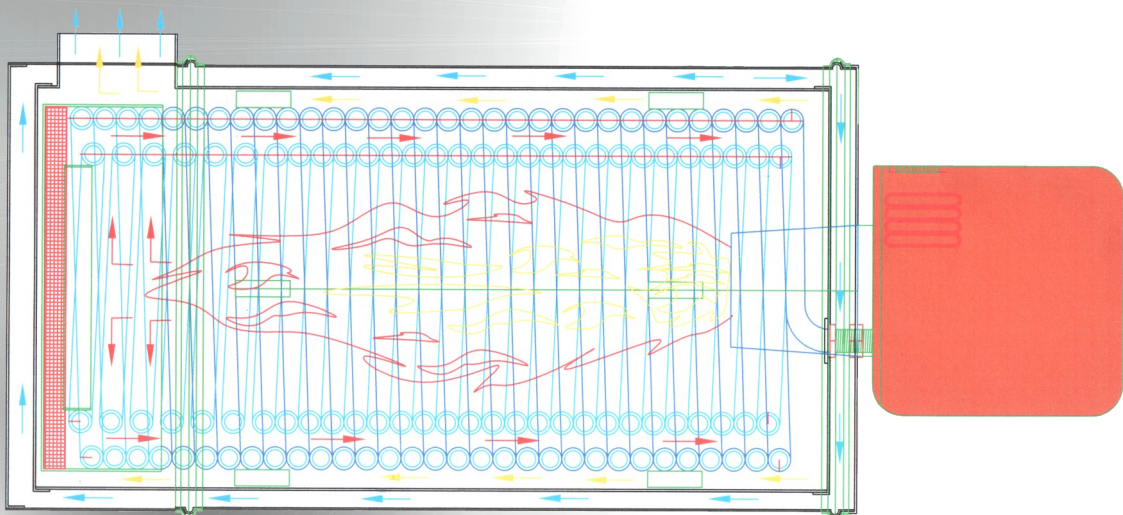
RECOMMENDED WATER THROUGHPUT WITH FUEL NOZZLE 3,00 USGAL/H	LITRES 25-30
RECOMMENDED WATER THROUGHPUT WITH FUEL NOZZLE 3.50 USGAL/H	LITRES 30-35
MAXIMUM WATER THROUGHPUT	40 LITRES
MAXIMUM THEORETICAL CAPACITY	100.000-135.000 Kcal
KILOWATT	110-155
MAXIMUM STANDARD OPERATING PRESSURE	200 BAR
COMBUSTION EFFICIENCY	89-92%
BURNER WEIGHT	12 KG
BOILER WEIGHT	98 KG



- ✓ **multifunctional** as they have been engineered to be used on permanent installations, which are usually run non-stop, but they also can be used in short-duty cycles, requiring maximum efficiency in minimal time, like on equipment carrier vehicles. Burner power input is AC 220V/50Hz, but also DC 24V on request;
- ✓ **easy installation** even in a limited space as there are two boiler versions, one featuring the burner on one side and the water inlet and outlet on the other, and the second version featuring all the three on the same side;



- ✓ **easy service and maintenance** of the boiler. Once the boiler is installed, all the connections, regulators and other maintenance parts are accessible from one side of the boiler (or maximum from two sides);
- ✓ **moderate boiler outer-shell temperature** which is provided by a cooling air jacket and a continuous internal ventilation.



- ✓ **Customer tailored solutions** for T2007 boilers include special stainless steel supports or burner flanges of other brands on request.

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