

DB

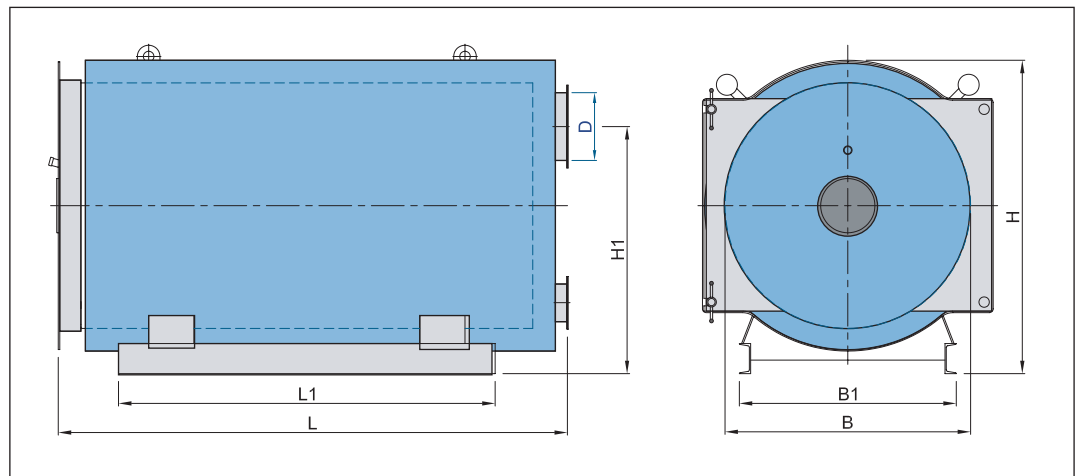
Thermal Fluid Heaters for Process Application

- **Designed to deliver fluids for processes requiring elevated temperatures up to 400°C**
- **Skid-mounted package of boiler, burner, pumps & control panel**
- **Rapid installation and start-up**
- **Good combustion & high efficiency**
- **Minimal corrosion or scaling**



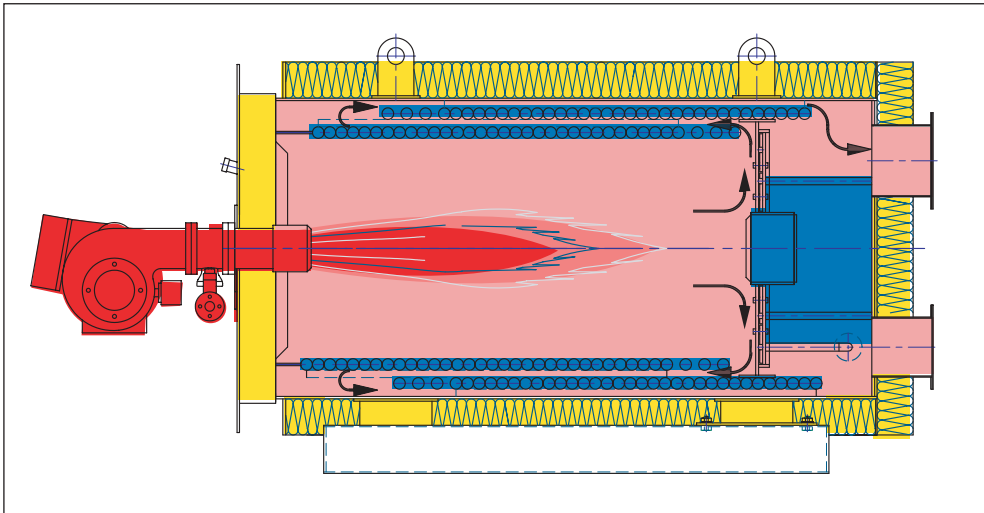
A TLANTIC
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STANDARDS

Directive:	97/23/EEC PED Modules B & F	Certification:	EN 10204 - 3.1.C
Electrical appliances:	89/336/EEC EMC, 73/23 EEC LVD	Certification:	EN 10204 - 3.1.B
Steel plate material:	P 295 GH & EN 10028 PART 1,2	Certification:	EN 10204 - 3.1.B
Tubes material:	P 235 GH & EN 10216 PART 2		
Flanges material:	P 265 GH & EN 1092 PART 1		



OUTPUTS
 1200 kg/Hr to 25000 kg/Hr
 348kW to 5714kW

OPERATING PRESSURE
 6 BARS
OPERATING TEMP 80°C to 350°C

PERFORMANCE

type DB	300	400	600	800	1000	1250	1500	2000	2500	3000	4000	5000
Heat output kW	348	465	697	930	1162	1453	1744	2325	2907	3488	4651	5714
Gas Input Nm ³ /h	42	56	85	113	141	176	211	282	352	423	563	704
Oil Input kg/h	34	46	68	91	114	143	171	228	285	342	456	570
Flue Gas Pressure Drop mbar	4	4	4	4	5	5	5	5	5	6	6	6
Dry Weight kg	2000	2386	2918	3388	3877	4381	5279	7034	8287	9697	13466	16337

DIMENSIONS mm

type DB	300	400	600	800	1000	1250	1500	2000	2500	3000	4000	5000
L	2170	2390	2600	2890	3040	3250	3640	4120	4405	4630	5300	5875
L1	1570	1610	1900	2100	2350	2330	2780	3140	3470	3530	4000	4455
B	1190	1290	1450	1550	1645	1775	1910	2070	2250	2445	2720	2880
B1	890	990	1100	1245	1200	1300	1450	1600	1770	2000	2055	2100
H	1400	1540	1710	1805	1875	2005	2140	2300	2520	2755	3106	3180
H1	1015	1090	1260	1300	1390	1510	1630	1790	1955	2170	2370	2520
ØD	150	200	250	300	300	300	350	400	450	500	600	650

CONNECTIONS mm

Inlets and outlets are chosen specifically against the duty for each project. Contact Atlantic

SPECIFICATION

- The boiler body is made of steel to NBN D06001 and DIN 4702 Part 1
- The boiler is of semi-reverse flame design having peripheral exchanger tubes
- The boiler tubes are seamless to ST 35.8/1 according to DIN 17175 and DIN 2448 and certified according to DIN 50049.-1-B
- The interior of the front access door is filled with plastic type refractory cement over two coats of ceramic fibre blanket
- Flame observation glass located at the front of the boiler
- Boiler shell insulated by 200mm minimum rockwool, then clad with 1mm cold drawn steel sheet and painted industrial finish
- Flue gas top and bottom outlets to rear of the boiler