



HOT WATER BOILER

HWB SERIES

HOT WATER BOILER

Efficiency, Reliability and Durability

Capacities from 100 to 4000 kW
Pressure max 7 Bar



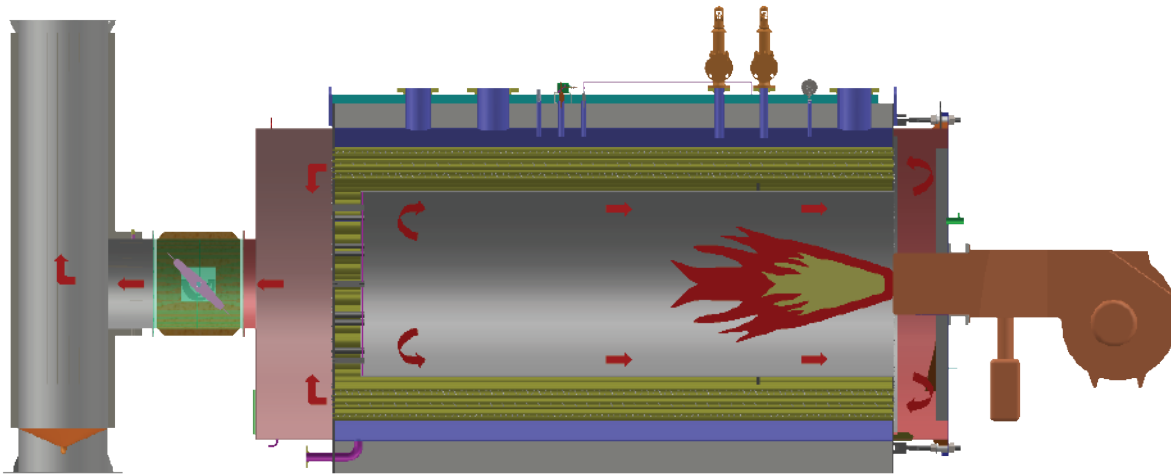
- High quality burner, an environment friendly product
- Compact design
- Easy operation
- Suitable for oil, gas or dual fuel firing with high efficiency level and excellent heat transfer capabilities

SECTION VIEW

Inspected by
LLOYDS, SGS



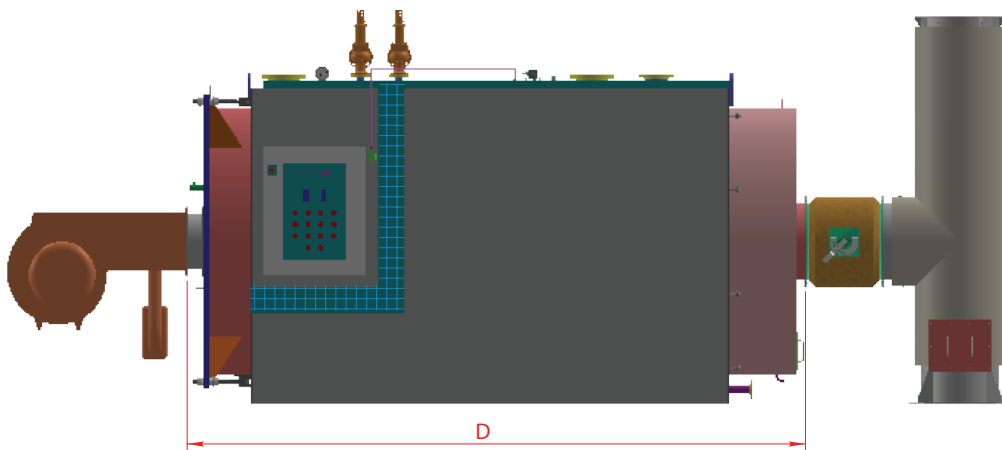
Designed,
constructed and
stamped in
accordance with the
requirements of the
ASME Boiler Codes.



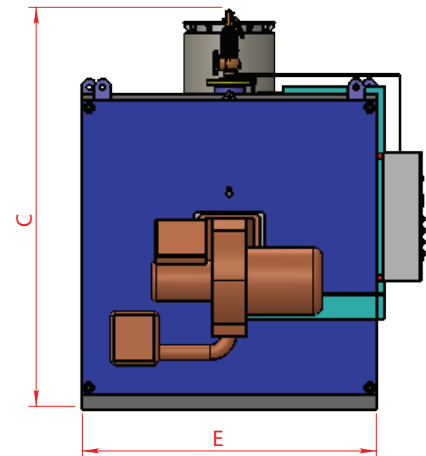
TECHNICAL DATA

MODEL	Output	Flow rate	Dimensions (mm)			Connections		
			W	L	H	Flow & Return	Safety Vent	Flue OD
HWB100	100	2950	800	1500	1000	DN50	DN20	DN150
HWB150	150	4430	850	1600	1050	DN65	DN20	DN180
HWB200	200	5905	950	1700	1100	DN65	DN25	DN200
HWB300	300	8860	1000	1800	1200	DN80	DN32	DN200
HWB400	400	11810	1050	1950	1250	DN80	DN32	DN200
HWB500	500	14765	1100	2050	1300	DN100	DN40	DN250
HWB600	600	17715	1150	2100	1350	DN100	DN40	DN250
HWB800	800	23620	1200	2250	1400	DN125	DN50	DN300
HWB1000	1000	29525	1250	2400	1450	DN125	DN50	DN350
HWB1500	1500	44290	1500	3200	1850	DN125	2 x DN40	DN400
HWB2000	2000	59055	1750	3760	2050	DN150	2 x DN50	DN450
HWB2500	2500	73820	1850	3550	2000	DN150	2 x DN50	DN500
HWB3000	3000	88580	2150	4000	2300	DN200	2 x DN65	DN550
HWB4000	4000	118105	2250	4800	2500	DN200	2 x DN65	DN600

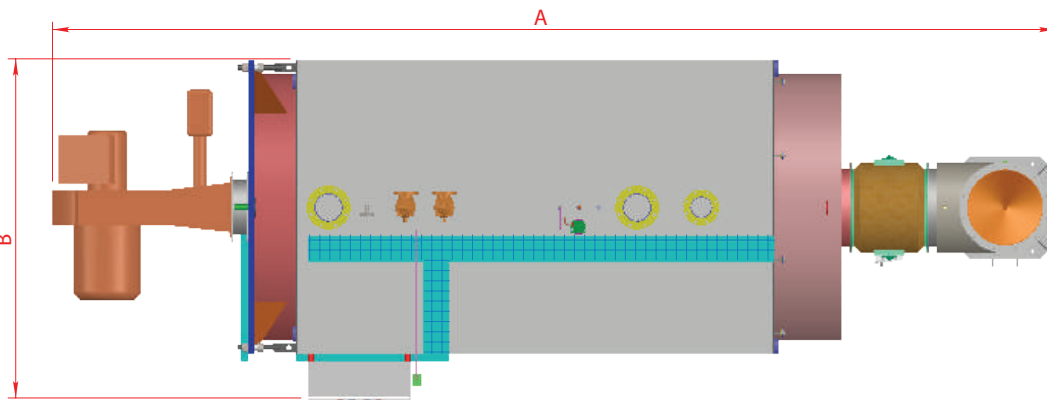
TECHNICAL DRAWINGS



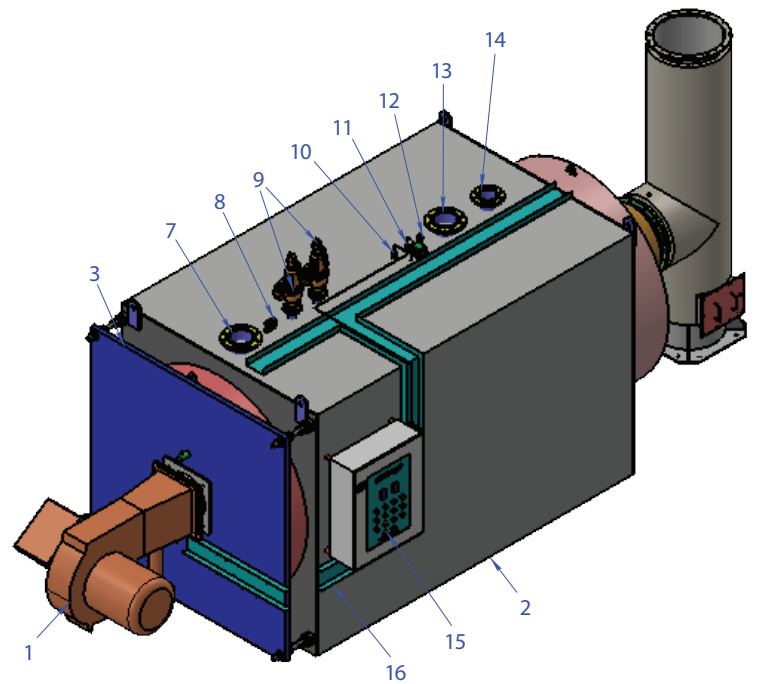
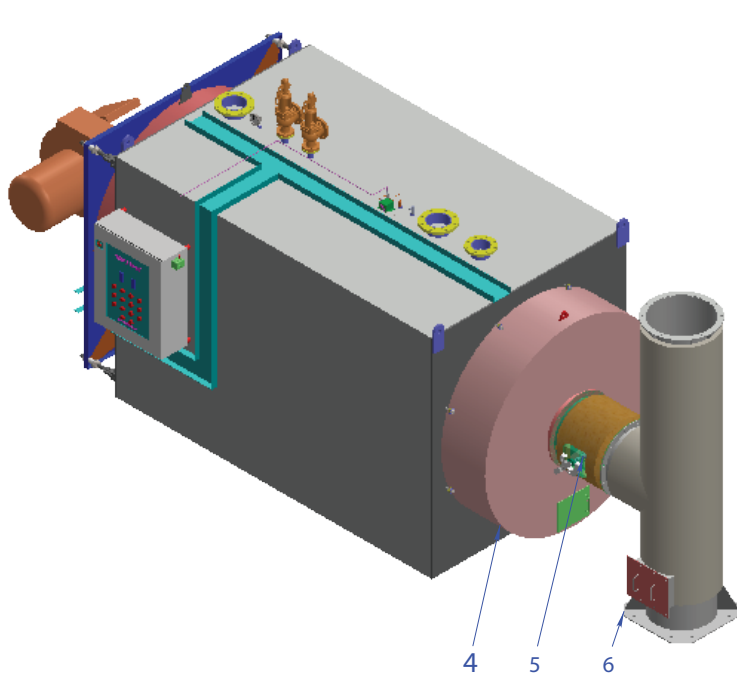
ELEVATION VIEW



FRONT VIEW



TOP VIEW



ANNOTATION:

- | | | | |
|---------------------|-----------------|--------------------------|-------------------|
| 1. Burner | 5. Damper | 9. Safety valve | 13. Water inlet |
| 2. Hot water boiler | 6. Chimney | 10. Pressure transmitter | 14. Air vent |
| 3. Door assembly | 7. Water outlet | 11. High temp switch | 15. Control panel |
| 4. Smoke box | 8. Temp gauge | 12. Pressure switch | 16. Cable tray |

PRODUCT OVERVIEW

- Efficient 3 - Pass Design
- Flexibility - Capable of burning natural gas, fuel oil, digester gas, hydrogen, & various other gaseous fuels
- ASME Code Constructed & Stamped
- Competitively Priced, Easily Maintained, Designed for Efficiency
- Large Furnace Volume for Ultimate Combustion Efficiency
- Low Heat Release
- Factory Insulated - 3" Mineral Wool
- Factory Jacketed & Stainless Steel
- Easy to maintaining and operating
- Ample Waterside Clean - Out Openings
- Fully Automatic Operation
- Wet Back Construction
- Factory Test Fired
- Flame Observation Ports Front & Wetback

These steam boilers provide a large thermal mass and can therefore supply a significant volume of steam draw-off whilst still maintaining a stable operating environment. In essence, these firetube steam boilers are excellent for any industry that needs high quantities of steam at different times, which when the steam is drawn-off, it won't affect the boilers operations (such as foam manufacturing and abattoirs). All units are factory packaged with operating controls, relief valves, burner and fuel train. Installation is made simple in that only service connections are needed to place in operation. Flexible burner systems are available for firing natural gas, LP gas, #2 oil, heavy oil, or combinations. High density 3" mineral wool insulation assures lower radiant heat loss.



CONTACT US