

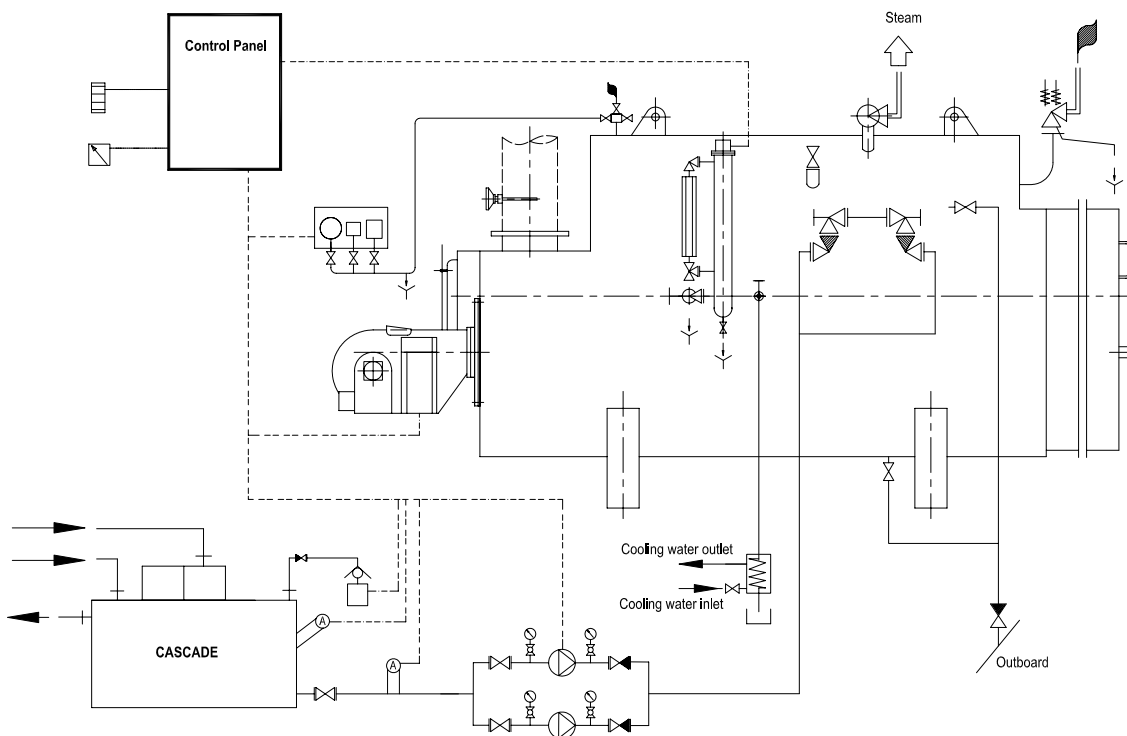
WHG Horizontal Type Oil-fired Boiler Series

WHG is horizontal type oil-fired boiler, generating saturated steam by means of burning of fuel oil, applicable for shipboard heating of heavy fuel oil, jacket cooling water, oil tanks, domestic water, air-conditioning, etc.

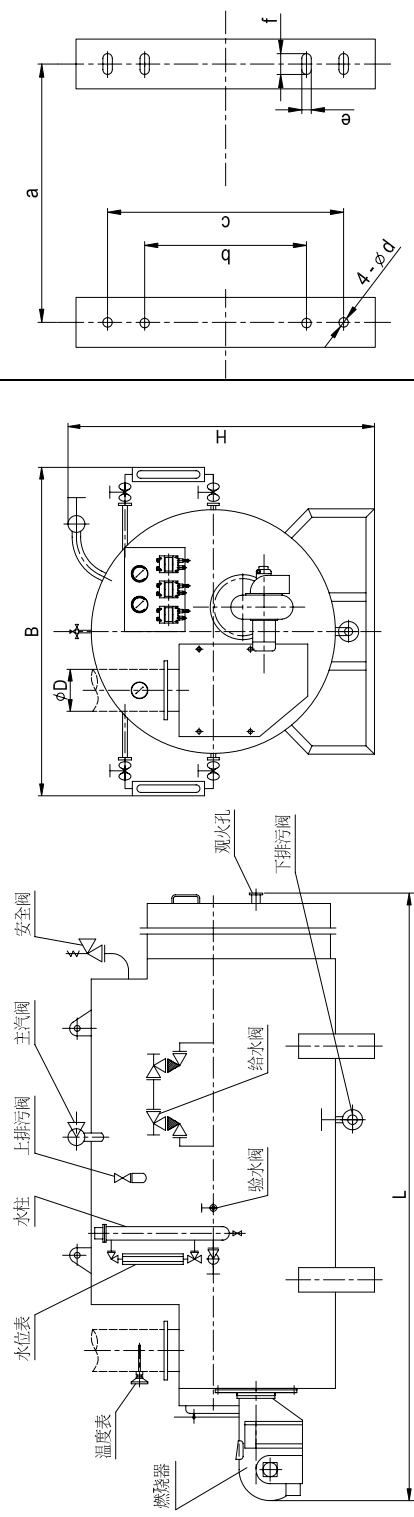
The boilers feature automatic control and fail-safe design for unmanned operation of modern ships. Alternatively, the boilers can be operated manually in case of emergency or cold starting.

Boiler Construction

The **WHG** 2-pass type boiler is assembled 100% by welding, the boiler shell and inner cores forms the water/steam chamber. The inner core includes a furnace in the lower part connected to cluster of smoke tube on top. Smoke tubes are either plain tubes or swirl tubes, depending on requirements. The boiler is accessible from hand holes & manholes for water/steam chamber and inspections hatches on both sides for flue gas passage respectively for ease of cleaning, inspection & maintenance.



Boiler Type	Technical data & dimensions (mm)										Connection size (mm)					Foundation size (mm)				
	Steam output (kg/h)	Working pressure (MPa)	L	H	B	D	Weight (kg)	Water volume (m ³)	Main steam valve	Safety valve	Feed water valve	Blow down/ scum valve	a	b	c	d	e	f		
WHG0.5-0.7	500	0.7	2510	1830	1610	DN200	3144	1	DN50	DN65	DN25	DN25	950	500	1000	Ø26	26	45		
WHG0.7-0.7	700	0.7	2730	1950	1700	DN230	3300	1.1	DN50	DN65	DN25	DN25	1200	600	1100	Ø26	26	45		
WHG1-0.7	1000	0.7	3250	1955	1750	DN300	3500	1.3	DN80	DN90	DN32	DN25	1350	620	1120	Ø26	32	38		
WHG1.5-0.7	1500	0.7	3630	2000	2050	DN350	5410	2	DN80	DN90	DN32	DN25	1640	940	1300	Ø26	32	38		
WHG2-0.7	2000	0.7	4050	2100	2050	DN400	6480	2.3	DN80	DN90	DN32	DN25	1940	940	1300	Ø26	32	38		



Note:

1. Boilers are delivered based on a technical specification agreed with the customer who specified technical requirements, scope of delivery and classification.
2. Basic design data should include boiler model, type, specifications, steam output, working pressure, fuel oil type, feed water temperature, power supply, etc.
3. Specific requirements beyond standard on request.