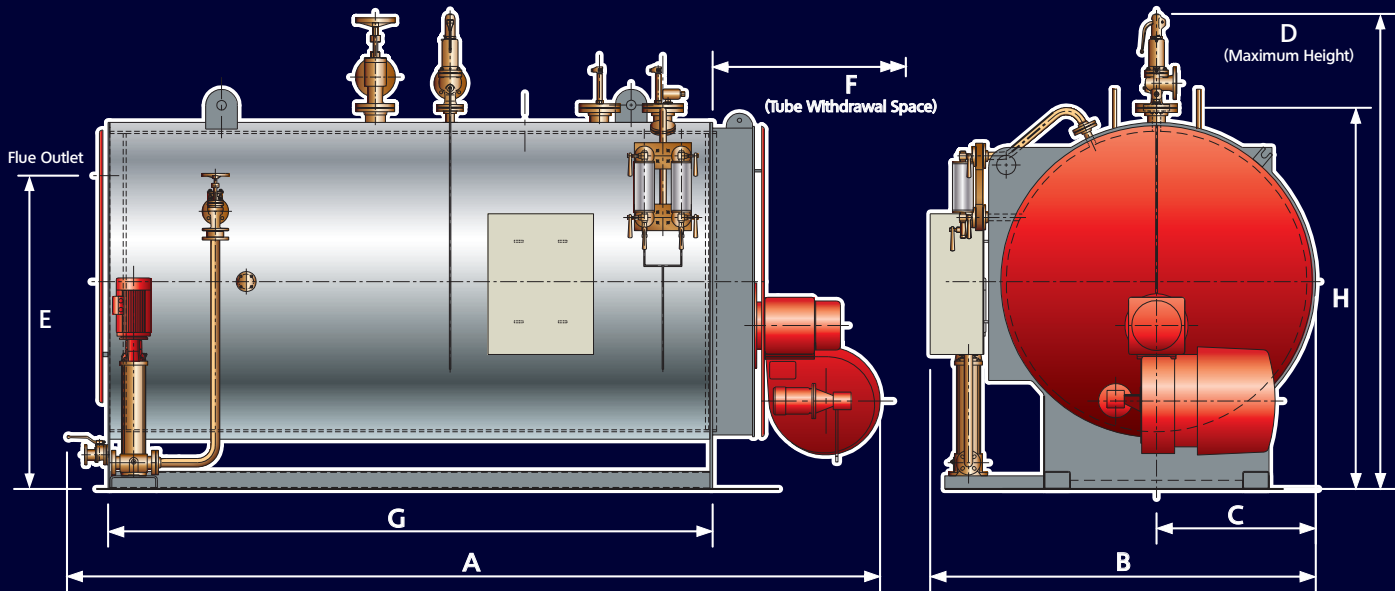


Cochran Steam Boiler

Model:
Borderer

The Cochran Borderer steam boiler utilises a full wet back design for maximum efficiency. A key feature of the Borderer series is the boilers' compact design. The small footprint makes it ideal for a wide range of commercial and light industrial applications such as laundries, hotels and small to medium manufacturing sites. The Borderer also features Cochran's low NOx, low noise combustion package as standard in combination with a wide range of control options, allowing maximum flexibility.



Ratings (F&A 100°C): From 50 kg/hr to 6800 kg/hr (110 lb/hr to 15000 lb/hr / 31 kW to 4263 kW).

Standard Working Pressures: 6.9 Bar and 10.34 Bar. All steam boiler designs are available from 6 Bar up to 28 Bar.

Evaporation	kW	284	357	427	570	714	853	995	1137	1422	1706	2275	2844	3134	3510	3761	3949	4263		
F&A 100°C (212°F)	kg/h	455	570	680	910	1140	1360	1588	1815	2268	2720	3630	4535	5000	5600	6000	6300	6800		
	lb/h	1000	1255	1500	2005	2510	3000	3500	4000	5000	6000	8000	10000	11025	12348	13230	13891	14994		
Dimensions	Oil	A	mm	2885	3085	3085	3185	3285	3335	3385	3435	3908	4264	4478	4765	4961	4951	4731	4968	5168
	Gas	A	mm	2753	2953	2953	3205	3305	3547	3619	3669	4129	4370	4773	4873	5069	5059	4942	4968	5168
	B	mm	1423	1505	1500	1540	1660	1633	1678	1760	1828	1955	2155	2403	2487	2496	2599	2575	2598	
	C	mm	580	580	595	615	675	675	688	725	760	805	905	1010	1055	1064	1125	1099	1124	
	D	mm	1774	1774	1804	1862	2062	2116	2141	2216	2330	2420	2698	2908	3054	3073	3195	3273	3138	
	E	mm	1168	1159	1180	1208	1395	1383	1395	1465	1528	1593	1768	1960	2042	2056	2170	2241	2096	
	F	mm	1465	1665	1665	1765	1865	2065	2115	2165	2625	2960	3195	3295	3491	3481	3545	3571	3771	
	G	mm	1610	1810	1810	1910	2010	2210	2260	2310	2770	3085	3340	3440	3636	3626	3690	3716	3916	
	H	mm	1483	1438	1468	1508	1708	1708	1733	1808	1878	1968	2168	2378	2467	2486	2608	2686	2551	
Rec. Chimney Dia.	mm	145	162	180	205	230	255	280	290	305	355	405	440	455	465	480	495	515		
Sfy.Valve Exh.Dia.	BSP/mm	32	32	32	32	32	40	40	40	40	50	65	65	80	80	80	80	80		
Strm. Stop Valve Dia.	BSP/mm	40	40	40	50	50	65	65	65	80	80	100	100	125	125	125	125	125		
Blow Down Valve Dia.	mm	25	25	25	25	25	25	25	25	25	25	25	25	25	50	50	50	50		
Feed Water Inlet Dia.	mm	25	25	25	25	25	25	25	25	25	32	32	32	32	32	40	40	40		
Weight - Empty	Tonne	1.76	1.86	2.04	2.36	2.77	2.99	3.35	3.75	4.47	5.59	7.65	9.08	11.77	13.04	15.06	15.95	16.62		
Weight to NWL	Tonne	2.49	2.64	2.86	3.25	3.93	4.20	4.61	5.22	6.45	7.96	10.98	13.28	18.83	21.51	25.03	26.91	27.51		
Weight - Full of Water	Tonne	2.64	2.81	3.05	3.46	4.20	4.50	4.93	5.59	6.94	8.59	11.88	14.60	21.03	24.35	28.53	30.71	32.18		

Note: All Dimensions and weights are approximate only and are based on a boiler working pressure of 10.34 Bar G.

+44(0) 1461 202 111 www.cochran.co.uk

Cochran Ltd Newbie Works, Annan, Dumfries & Galloway, UK DG12 5QU.

©2013 Cochran Ltd. Version 2 07/2013

