



COCHRAN

COCHRAN STEAM BOILER



Worldwide Energy Solutions

For large applications and small applications the Cochran boiler high volume range offers the right combination of performance and integrity for users world-wide. The well-proven three pass wetback design delivers outputs of up to 24tonnes on a single furnace. Cochran boilers can be found in distilleries, chemical plants, hospitals, CHP and a host of other applications requiring reliable and flexible steam production. The boiler range comes with a wide range of combustion and control packages, superheater and economiser options.

Output(F&A 100°C)

From 500kg/hr to 24,000 kg/hr

Standard working pressure

10 Bar

(design pressure up to 25 BAR G)

Design:

- designed & manufactured as per GB standard
- Three pass wet back
- robust and reliable design
- fitted with complete set of combustion equipment, control system, all necessary valves and fittings

Quality:

- ISO9001 quality management system, approved by third party before boiler dispatch.

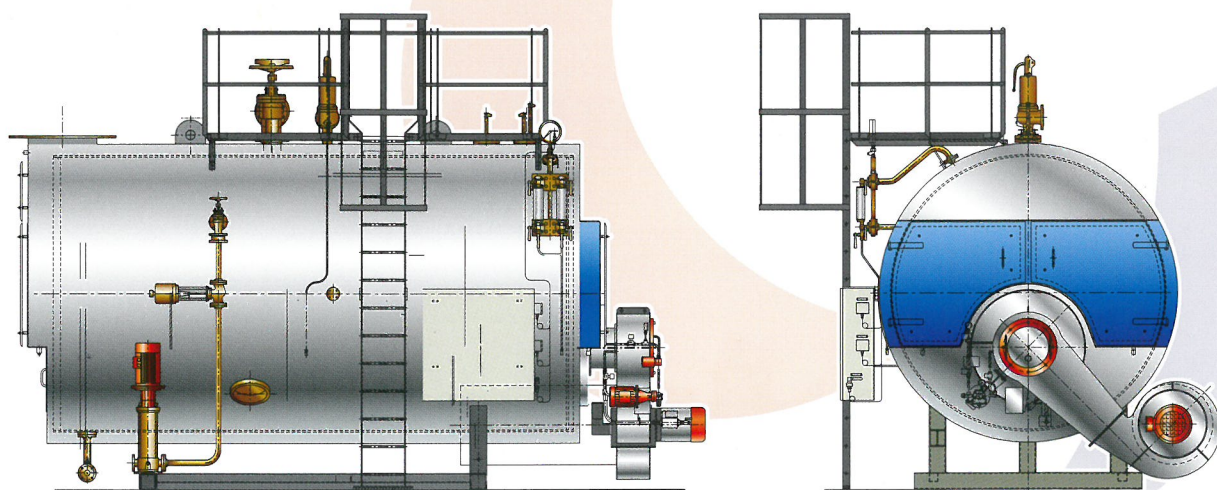
Boiler Efficiency:

- Gas firing: 92%
- Oil firing: 92%

offer complete service support, including:

- boiler house turnkey project
- installation and project management
- Commissioning, Repair & Maintenance Service
- Spares

COCHRAN PACKAGE STEAM BOILER



Cochran Steam Boiler Data Sheet

锅炉型号 Boiler Model Number	蒸发量 Evaporation Volume t/h	工作压力 working pressure Mpa	饱和蒸汽温度 Water temperature	进水温度 The return water temperature	燃料耗量 Fuel Rate		受热面积 heat surface M ²	满水容积 Water Volume M ³	底座尺寸 Skid LxW(m)	外形尺寸 Dimensions LxWxH(m)	近似重量 Approximate Weight t
					油 Oil kg/h	天然气 gas Nm ³ /h					
COCH 0.5-1-QY	0.5	1.0	185	20	35	41	17.5	1.9	2.1X1.2	3.5X1.9X2	4
COCH 0.7-1-QY	0.7	1.0	185	20	49	57	23	1.9	2.1X1.2	3.5X1.9X2	4.2
COCH 1-1-QY	1	1.0	185	20	69	82	31	2.5	2.4X1.2	4.2X2.1X2	5.1
COCH 1.5-1-QY	1.5	1.0	185	20	104	123	47	3.3	3.4X1.2	5.2X2.1X2	6.3
COCH 2-1-QY	2	1.0	185	20	138	164	61	4.6	3.4X1.4	4.9X2.3X2.3	7.7
COCH 2.5-1-QY	2.5	1.0	185	20	172	205	72	5.6	3.4X1.4	5.5X2.3X2.3	8.6
COCH 3-1-QY	3	1.0	185	20	207	246	96	6.5	3.6X1.5	5.5X2.7X2.6	11
COCH 4-1-QY	4	1.0	185	20	276	315	121	7.8	3.9X1.7	5.9X2.9X2.7	12.6
COCH 5-1-QY	5	1.0	185	20	335	410	144	9	4.6X1.7	6.7X2.9X2.7	13.9
COCH 6-1-QY	6	1.0	185	105	366	432	190	11	4.0X2.1	6.3X3.6X4.1	20.4
COCH 8-1-QY	8	1.0	185	105	488	576	246	13.5	4.7X2.1	7.1X3.4X4.1	22.3
COCH 10-1-QY	10	1.0	185	105	610	720	319.5	15.2	5.0X2.1	7.5X3.3X4.3	25.4
COCH 12-1-QY	12	1.0	185	105	732	864	362	21	5.3X2.4	7.8X3.7X4.5	30
COCH 15-1-QY	15	1.0	185	105	915	1080	448	37	7.2X2.5	10.2X3.7X4.7	39.2
COCH 20-1-QY	20	1.0	185	105	1225	1440	544.3	34	6X2.76	9.03X3.9X5.1	46

Notes: Efficiency is greater than 92%. The weight for 1.25MPa, 1.6MPa working pressure should be checked with manufacturer.



COCHRAN

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