

# EB88 Electric Steam Boiler

# 29-153 kg/hour

**The EB88 is Cochran's versatile compact seven-model range designed for steam loads between 29 and 153kg/h. Fully packaged in an attractive modern case, all services are connected at the rear for easy installation and clean modern appearance.**

The EB88 offers unrivalled flexibility and mobility in a compact unit that occupies minimal floorspace. It is easily moved to provide point-of-use steam wherever required and the heating elements are individually switched to allow the boiler to respond quickly and efficiently to variable steam demands, providing maximum flexibility. The neat, fully packaged EB88 range is ideal for 'clean environments' in applications such as pharmaceutical, medical, chemical and food and beverage processing.

E18-E72 models feature an integrated feedwater tank and feedwater pump, creating a highly flexible compact unit. The E100 is supplied with a separate feedwater tank. The EB88 will fit through a standard door opening, making it ideal for use in office, small hospitality and catering applications and laboratory environments.

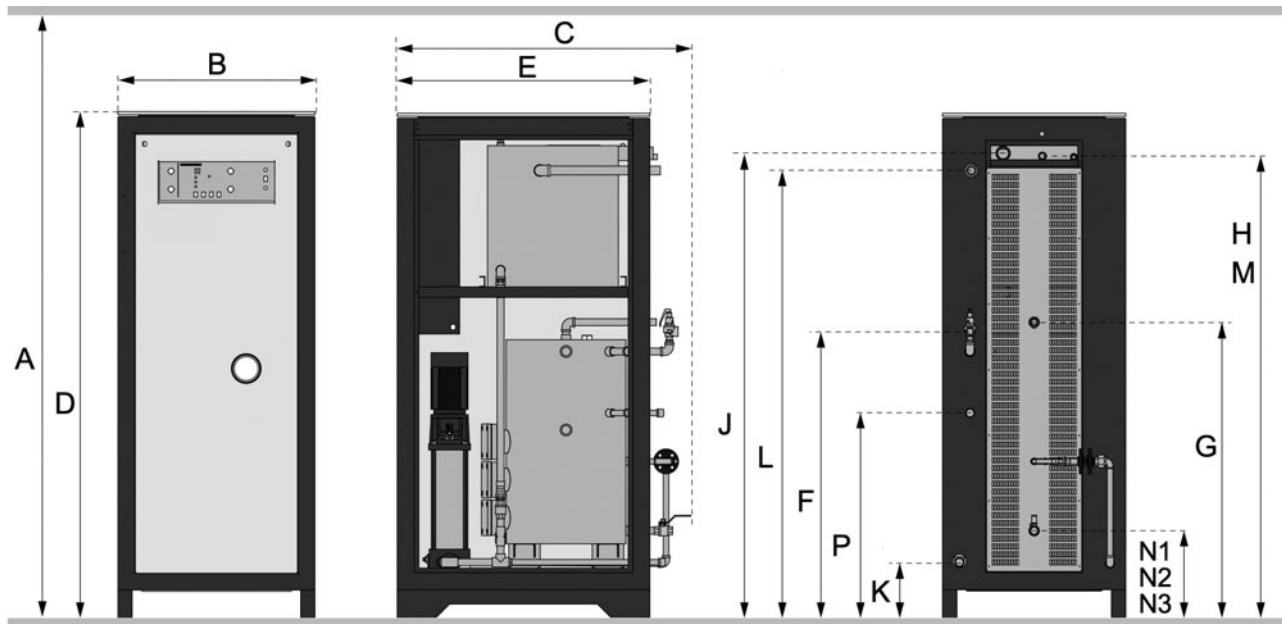
### **Cochran's EB88 steam boilers offer the following key features:**

- Seven Models ranging from 18kW to 100kW.
- Output: 29 kg/h – 153 kg/h (F&A 100°C)
- Operating Pressure: 10.34 barg
- Integrated Feedwater Tank featured on the E18 to E72 models.
- Integrated Feedwater Pump.
- Easily cleaned removable panels enable easy servicing.
- Individually switched heating elements allow EB88 boilers to respond quickly and efficiently to variable steam demands.
- Ideal for 'clean environment' applications, including pharma, medical and food and beverage.



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Cochran EB88 Model	Dimensions	E18	E24	E36	E48	E54	E72	E100
Steam Output F&A 100°C	kg/h	29	38	57	77	86	115	153
kW Rating	kW	18	24	36	48	54	72	100
Operating Pressure	barg	10.34	10.34	10.34	10.34	10.34	10.34	10.34
Number of Elements		1	1	2	2	3	3	4
Operational Weight	kg	560	560	560	560	560	560	580
A Minimum Clearance*	mm	2230	2230	2230	2230	2230	2230	2845
B Overall Width	mm	760	760	760	760	760	760	760
C Overall Depth	mm	1100	1100	1100	1100	1100	1100	1160
D Overall Height	mm	1931	1931	1931	1931	1931	1931	1950
E Boiler Depth	mm	965	965	965	965	965	965	965
F Safety Valve Discharge Height	mm	1085	1085	1085	1085	1085	1085	1545
G Steam Outlet Height	mm	1125	1125	1125	1125	1125	1125	1585
H Feedwater Inlet Height	mm	1760	1760	1760	1760	1760	1760	415
J Feedwater Tank Vent	mm	1770	1770	1770	1770	1770	1770	Main Boiler Blowdown Height
K Feedwater Tank Drain	mm	210	210	210	210	210	210	Water Sample Point Height
L Feedwater Tank Overflow	mm	1705	1705	1705	1705	1705	1705	
M Condensate Return Height	mm	1757	1757	1757	1757	1757	1757	
N1 Main Boiler Blowdown (1 Element Vessel)	mm	630	630	630	630	630	630	
N2 Main Boiler Blowdown (2 Element Vessel)	mm	495	495	495	495	495	495	
N3 Main Boiler Blowdown (3 Element Vessel)	mm	330	330	330	330	330	330	
P Water Sample Point Height	mm	780	780	780	780	780	780	

**Notes:** \* Required for maintenance and element removal. Once installed, a minimum clearance of 600 mm is required all around the unit. Dimensions are approximate and only intended as a guide to aid installation.

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