



TECHNICAL DETAILS

BWD 80 Technical Specifications

Model		BWD80
Maximum steam output (F/A 100°C)	kg/h	8,667
Design Pressure	barg	10
Operating Pressure	barg	8
Fuel Type		Natural gas (G20 @ N.T.P.)
Nominal Gas Consumption at MCR	Nm ³ /h	574 approx. *
Minimum Gas Supply Pressure	mbarg	125 **
Efficiency at MCR (Natural Gas)	%	95 on NCV (Inc. economiser)
Babcock Wanson LNTA burner	mode	Modulating
Ignition		Spark
Main Electrical supply (three phase)	V Hz	400 - 50
Control supply (single phase)	V Hz	220 - 50
Noise level	dB(A) @ 1m	≤ 85
Feed water Control		Modulating
Feed water Pump		Supplied loose
Boiler water sample cooler mounted on the boiler shell		Included
Weight Flooded	kg	29,083
Weight Dry	kg	16,100
Cladding		Stainless Steel
Delivery UK Mainland		Included

* MCR is based on producing steam at 10 barg from water at 80 °C for BWD 10-80 Units

** DN100 gas train. See booster details below for 19mbar site gas supply pressure.

A full description of the above equipment is given in our General BWD Steambloc Firetube Boiler Technical Specification, a copy of which is enclosed.

ONE – Steambloc – BWD 80 Firetube boiler, with control panel, Babcock Wanson burner, burner management system and feed water pump, mounted as a single unit, fully wired and tested.