

## 2.2 Technical characteristics

Technical data for steam boiler		
Model:	NG	<b>NG/V 3000</b>
Version:		<b>Vertical</b>
Number of units		<b>1</b>
Max Capacity:	kcal/h	<b>1 800 000</b>
	kW	<b>2 093</b>
Steam production (feed water 60°C):	kg/h	<b>3 000</b>
Design Pressure:	barg	<b>12</b>
Working Pressure:	barg	<b>7</b>
Efficiency:	%	<b>88</b>
Total water content:	lt.	<b>2 047</b>
Burner		<b>Riello Modulating</b>
Fuel type		<b>MGO/MDO</b>
Fuel consumption :		
Diesel oil (10.200 kcal/Kg)	kg/h	<b>201</b>
Heavy oil (9.700 kcal/Kg)	kg/h	<b>211</b>
Burner regulation:		<b>Riello Modulating</b>
Burner installed electrical power :		
Diesel oil	kW	<b>9,0</b>
Heavy oil	kW	<b>30,0</b>
Electrical data	V/Hz/Ph	<b>400/50/3</b>
Dimensions ( burner included) :	DWG	<b>NG 1248 Rev0</b>
Length	mm	<b>1700</b>
Width	mm	<b>1700</b>
Height	mm	<b>5239</b>
Weight	kg	<b>8500</b>
Exhaust gas connection	mm	<b>300 x 600</b>
Steam outlet diameter	DN	<b>80</b>
Safety valve		<b>65/80</b>
Blowdown valve		<b>32</b>
Water pipe inlet		<b>32</b>
Feed water pump	Wilo	<b>MVI 417</b>
	Power	<b>3,7</b>
Feeding connection (15 bar)		<b>32</b>
Heated surface	m <sup>2</sup>	<b>37,85</b>

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