

D04 Vertical Steam Generator Technical Details

Steam Generator	D04-150	D04-350	D04-500	D04-750	D04-1000	D04-1500	D04-2000
Steam Quantity	150 kg/h	350 kg/h	500 kg/h	750 kg/h	1000 kg/h	1500 kg/h	2000 kg/h
Max Working Pressure	16 Bar	16 Bar	16 Bar	16 Bar	16 Bar	16 Bar	16 Bar
Heat Capacity	105 kW	245 kW	350 kW	524 kW	700 kW	1048 kW	1397 kW
Water Volume	13 lt	38 lt	56,3 lt	87 lt	200 lt	240 lt	390 lt
Heating Area	4,5 m ²	7,5 m ²	11,7 m ²	15,1 m ²	19,9 m ²	29.9 m ²	36,7 m ²
Fuel Consumption (Natural Gas)	10,9m ³ /h	25,4m ³ /h	36,2m ³ /h	54,4m ³ /h	72,5 m ³ /h	108,7m ³ /h	144,9m ³ /h
Fuel Consumption (LPG)	8,2 kg/h	19 kg/h	27,2 kg/h	40,8 kg/h	54,4 kg/h	81,5 kg/h	108,7 kg/h
Fuel Consumption (Light Oil)	8,8 kg/h	20,5 kg/h	29,3 kg/h	44,0 kg/h	58,6 kg/h	87,9 kg/h	117,2 kg/h
Electrical Connection	400 V 50Hz	400 V 50Hz	400 V 50Hz	400 V 50Hz	400 V 50Hz	400 V 50Hz	400 V 50Hz
Total Electrical Power	1,67 kW	2,42 kW	2,42 kW	3,37 kW	4,07 kW	6,57 kW	8,50 kW
Sound Power	70 dBA	70 dBA	70 dBA	72 dBA	75 dBA	77 dBA	78,5 dBA
Fuel Connection Diameter(Natural Gas)	1"	1 1/4"	1 1/4"	2"	2"	2"	2"
Fuel Connection Diameter (LPG)	1"	1 1/4"	1 1/4"	1 1/4"	2"	2"	2"
Fuel Connection Diameter (Light Oil)	1/2"	1/2"	1/2"	1/2"	3/4"	1"	1"
Steam Output Diameter	DN 25	DN 40	DN 40	DN 50	DN 50	DN 65	DN 80
Feeding Water Connection	2xG1/2"	2xG1/2"	2xG1/2"	2xG3/4"	2xG3/4"	2xG1"	2xG1"
Safety Valve Connection	DN 40	DN 40	DN 40	DN 40	DN 40	DN 40	DN 40
Condansate Return Diameter	1/2"	1/2"	1/2"	1/2"	3/4"	3/4"	3/4"

Fuel consumption values are measured at 16 bar steam pressure and 92 °C feeding water temperature

They may be different because of working conditions and working environment factors. (condansate temperature, chimney height, chimney diameter etc.)