

**BOSCH**

Invented for life



Combined Heat and Power

CHP CE 400 NA

Technical Data

	Unit	Performance data Outlet / Inlet 90 °C / 70 °C
CHP Outputs		
Electrical output at $\cos(\phi)=1$	kWel	400
Thermal output effective	kWth ($\pm 7\%$)	500
Gas consumption DIN ISO 3046-1	kW ($\pm 5\%$)	1038
Modulation Range	%	50% - 100%
Efficiency at mains parallel operation		
Electrical efficiency effective	%	38,5%
Thermal efficiency effective	%	48,2%
Overall efficiency effective	%	86,7%
Power to heat ratio (AGFW FW308)	kWel / kWth	80,0%
Noise		
Primary Silencer	dB(A) in 1m	79,2
Secondary Silencer	dB(A) in 1m	< 50
Engine		
Engine manufacturer	-	MAN
Model	-	E2842 LE322
Cylinder arrangement	-	V
Number of cylinders	-	12
Dimension and Weight		
Length CHP	mm	5300
Width CHP	mm	1660
Height CHP	mm	2210
Operating weight max. features ca	kg	7500

Due to our ongoing commitment to product improvement these datasheets are subject to change without notice.

Please note: All noise measurements are stated as Sound Pressure Levels (SPL) at 1m. Detailed noise report available on request.

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Our BIM files can be downloaded from: <https://www.bosch-industrial.com/cad-bim-data>