

# ECOKNIGHT EKW116CE ERP DATA TABLE

according regulations 813/2013

Information	Symbol	Unit	Value
Trade mark	-	-	Lochinvar Ltd.
Model Identifier	-	-	EKW116CE
Condensing Boiler	-	-	Yes
Low Temperature Boiler	-	-	Yes
B1 Boiler	-	-	No
Cogeneration Space Heater	-	-	No
Combination Heater	-	-	No
Rated Heat Output	P-rated	kW	105
Rated Heat Output (At high temperature regime 80/60)	P4	kW	103.4
Rated Heat Output (At low temperature regime 50/30)	P1	kW	37.2
Seasonal Space Heating Energy Efficiency	$\eta_s$	%	94
Seasonal Space Heating Energy Efficiency (At high temperature regime 80/60)	$\eta_4$	%	89.6
Seasonal Space Heating Energy Efficiency (At low temperature regime 50/30)	$\eta_1$	%	98
Auxiliary Electricity Consumption At Full Load	elmax	kW	0.144
Auxiliary Electricity Consumption At Part Load	elmin	kW	0.043
Auxiliary Electricity Consumption In Standby Mode	P <sub>SB</sub>	kW	0.006
Standby Heat Loss	P <sub>STBY</sub>	kW	0.334
Ignition Burner Power Consumption	P <sub>ign</sub>	kW	0
Sound Power Level	L <sub>wa</sub>	dB	64
Precautions During Assembling, Installation Or Maintenance	See Installation, Commissioning, User & Maintenance Instructions of the product		

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EcoKnight water heaters must be installed with a suitable buffer vessel and shunt pump, the actual system efficiency will depend on the type and number of water heaters and buffer vessels chosen.



Lombard Way, The MXL Centre, Banbury, Oxon, OX16 4TJ  
 Tel: +44(0) 1295 269 981, Fax:+44(0) 1295 271 640, Email: [info@lochinvar.ltd.uk](mailto:info@lochinvar.ltd.uk)  
[www.lochinvar.ltd.uk](http://www.lochinvar.ltd.uk)