

ECOKNIGHT EKW146CE ERP DATA TABLE

according regulations 813/2013

Information	Symbol	Unit	Value
Trade mark	-	-	Lochinvar Ltd.
Model Identifier	-	-	EKW146CE
Condensing Boiler	-	-	Yes
Low Temperature Boiler	-	-	Yes
B1 Boiler	-	-	No
Cogeneration Space Heater	-	-	No
Combination Heater	-	-	No
Rated Heat Output	P-rated	kW	131.3
Rated Heat Output (At high temperature regime 80/60)	P4	kW	130.6
Rated Heat Output (At low temperature regime 50/30)	P1	kW	43.5
Seasonal Space Heating Energy Efficiency	η_s	%	94
Seasonal Space Heating Energy Efficiency (At high temperature regime 80/60)	η_4	%	89.6
Seasonal Space Heating Energy Efficiency (At low temperature regime 50/30)	η_1	%	99.3
Auxiliary Electricity Consumption At Full Load	elmax	kW	0.170
Auxiliary Electricity Consumption At Part Load	elmin	kW	0.051
Auxiliary Electricity Consumption In Standby Mode	P _{SB}	kW	0.007
Standby Heat Loss	P _{STBY}	kW	0.414
Ignition Burner Power Consumption	P _{Ign}	kW	0
Sound Power Level	L _{wa}	dB	66
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.



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