

ECOKNIGHT EKW46CE ERP DATA TABLE

According regulations 813/2013

Information	Symbol	Unit	Value
Trade mark	-	-	Lochinvar Ltd.
Model Identifier	-	-	EKW46CE
Condensing Boiler	-	-	Yes
Low Temperature Boiler	-	-	Yes
B1 Boiler	-	-	No
Cogeneration Space Heater	-	-	No
Combination Heater	-	-	No
Rated Heat Output	P-rated	kW	38.5
Rated Heat Output (At high temperature regime 80/60)	P4	kW	38.1
Rated Heat Output (At low temperature regime 50/30)	P1	kW	13
Seasonal Space Heating Energy Efficiency	η_s	%	95
Seasonal Space Heating Energy Efficiency (At high temperature regime 80/60)	η_4	%	88.0
Seasonal Space Heating Energy Efficiency (At low temperature regime 50/30)	η_1	%	101.1
Auxiliary Electricity Consumption At Full Load	elmax	kW	0.096
Auxiliary Electricity Consumption At Part Load	elmin	kW	0.028
Auxiliary Electricity Consumption In Standby Mode	P _{SB}	kW	0.003
Standby Heat Loss	P _{STBY}	kW	0.13
Ignition Burner Power Consumption	P _{ign}	kW	0
Sound Power Level	L _{wa}	dB	58
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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