

# ECOKNIGHT EKW206CE ERP DATA TABLE

according regulations 813/2013

| Information                                                                 | Symbol                                                                          | Unit | Value          |
|-----------------------------------------------------------------------------|---------------------------------------------------------------------------------|------|----------------|
| Trade mark                                                                  | -                                                                               | -    | Lochinvar Ltd. |
| Model Identifier                                                            | -                                                                               | -    | EKW206CE       |
| Condensing Boiler                                                           | -                                                                               | -    | Yes            |
| Low Temperature Boiler                                                      | -                                                                               | -    | Yes            |
| B1 Boiler                                                                   | -                                                                               | -    | No             |
| Cogeneration Space Heater                                                   | -                                                                               | -    | No             |
| Combination Heater                                                          | -                                                                               | -    | No             |
| Rated Heat Output                                                           | P-rated                                                                         | kW   | 180            |
| Rated Heat Output (At high temperature regime 80/60)                        | P4                                                                              | kW   | 177.4          |
| Rated Heat Output (At low temperature regime 50/30)                         | P1                                                                              | kW   | 63.1           |
| Seasonal Space Heating Energy Efficiency                                    | $\eta_s$                                                                        | %    | 95             |
| Seasonal Space Heating Energy Efficiency (At high temperature regime 80/60) | $\eta_4$                                                                        | %    | 87.6           |
| Seasonal Space Heating Energy Efficiency (At low temperature regime 50/30)  | $\eta_1$                                                                        | %    | 100.6          |
| Auxiliary Electricity Consumption At Full Load                              | elmax                                                                           | kW   | 0.280          |
| Auxiliary Electricity Consumption At Part Load                              | elmin                                                                           | kW   | 0.084          |
| Auxiliary Electricity Consumption In Standby Mode                           | P <sub>SB</sub>                                                                 | kW   | 0.011          |
| Standby Heat Loss                                                           | P <sub>STBY</sub>                                                               | kW   | 0.481          |
| Ignition Burner Power Consumption                                           | P <sub>Ign</sub>                                                                | kW   | 0              |
| Sound Power Level                                                           | L <sub>wa</sub>                                                                 | dB   | 69             |
| Precautions During Assembling, Installation Or Maintenance                  | See Installation, Commissioning, User & Maintenance Instructions of the product |      |                |

ErP data table\_EKW-206CE\_september2015

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)