

seasonal space heating energy efficiency during on mode
(calculated value, for boilers below 70kW heat output)

η_{son}	96,6	%
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Correction factors

- Adjusted contribution of temperature controls
- Auxiliary electricity consumption
- Standy heat losses
- Ignition burner power consumption
- Sum:

F1	3,0	%
F2	2,1	%
F3	0,2	%
F4	0,0	%
F1-F4	5,3	%

Seasonal space heating energy efficiency
(calculated value, for boilers below 70kW heat output)
Seasonal space heating energy efficiency. Rounded value

η_s	91,3	%
η_s	91	%

For combination heaters

- Declared load profile
- Daily electricity consumption
- Daily fuel consumption
- Water heating energy efficiency

	XL	
Qelec	0,443	kWh
Qfuel	28,617	kWh
η_{WH}	64	%

for low-temperature boilers 37 °C and for other heaters 50 °C return temperature (at heater inlet).

(**) Low temperature means for condensing boilers

calculated values are based on gross calorific value (reference conditions 15°C.15°C, 1013,25mbar)

Note: The values for η_s and η_{WH} (if applicable) stated above correspond to the following efficiency classes

according regulation 811/2013 resp. 812/2013

according regulation 811/2013 resp. 812/2013

efficiency class central heating 2010/30/EC (informative)

efficiency class water heating 2010/30/EC (informative)

A
B

18th September 2015



Torben Kvist
Head of Notified Body

seasonal space heating energy efficiency during on mode
(calculated value, for boilers below 70kW heat output)

η_{son}	95,3	%
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Correction factors

- Adjusted contribution of temperature controls
- Auxiliary electricity consumption
- Standby heat losses
- Ignition burner power consumption
- Sum:

F1	3,0	%
F2	1,9	%
F3	0,2	%
F4	0,0	%
F1-F4	5,1	%

Seasonal space heating energy efficiency
(calculated value, for boilers below 70kW heat output)
Seasonal space heating energy efficiency. Rounded value

η_s	90,3	%
η_s	90	%

For combination heaters

- Declared load profile
- Daily electricity consumption
- Daily fuel consumption
- Water heating energy efficiency

	XL	
Qelec	0,440	kWh
Qfuel	29,532	kWh
η_{WH}	62	%

for low-temperature boilers 37 °C and for other heaters 50 °C return temperature (at heater inlet).

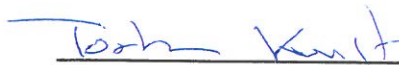
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seasonal space heating energy efficiency during on mode
(calculated value, for boilers below 70kW heat output)

η_{son}	95,9	%
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Correction factors

- Adjusted contribution of temperature controls
- Auxiliary electricity consumption
- Standby heat losses
- Ignition burner power consumption
- Sum:

F1	3,0	%
F2	1,5	%
F3	0,2	%
F4	0,0	%
F1-F4	4,7	%

Seasonal space heating energy efficiency
(calculated value, for boilers below 70kW heat output)
Seasonal space heating energy efficiency. Rounded value

η_s	91,1	%
η_s	91	%

For combination heaters

- Declared load profile
- Daily electricity consumption
- Daily fuel consumption
- Water heating energy efficiency

	XXL	
Qelec	0,468	kWh
Qfuel	35,339	kWh
η_{WH}	67	%

for low-temperature boilers 37 °C and for other heaters 50 °C return temperature (at heater inlet).

(**) Low temperature means for condensing boilers

calculated values are based on gross calorific value (reference conditions 15°C.15°C, 1013,25mbar)

Note: The values for η_s and η_{WH} (if applicable) stated above correspond to the following efficiency classes according regulation 811/2013 resp. 812/2013 according regulation 811/2013 resp. 812/2013 efficiency class central heating 2010/30/EC (informative) efficiency class water heating 2010/30/EC (informative)

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