

Condens 4000 W

GC4700iW 24/25 C 23

7733601640

To the extent applicable to the product, the following data are based on the requirements of Regulations (EU) 811/2013 and (EU) 813/2013.

| Declared load profile XL Energy Efficiency Class A Rated neat output Prated kW 24 Annual energy consumption (average climate conditions) Q₁E kWh 99 Annual energy consumption (average climate conditions) Q₁E kWh 99 Annual energy consumption AFC GJ 74 Annual fuel consumption AFC GJ 18 Seasonal space heating energy efficiency n₂ % 94 Water heating energy efficiency n₂ % 85 Seasonal space heating energy efficiency n₂ % 85 Sound power level, indoors n₂ n₂ % 85 Indication about ability working only during off-peak hours n₂ n₂ n₂ n₂ | Productdata | Symbol | Unit | 7733601640 | |
|--|--|--------------------|--------|------------|--|
| Water heating energy efficiency class A A Rated heat output Prated kW 24 Annual energy consumption (average climate conditions) Q₁€ GJ 74 Annual energy consumption AEC kWh 40 Annual electricity consumption AEC kWh 40 Annual fuel consumption AFC GJ 18 Seasonal space heating energy efficiency n ₆ % 94 Water heating energy efficiency n ₆ % 95 Sound power level, indoors L _{WA} dB 45 Indication about ability working only during off-peak hours L _{WA} dB 45 Indication about ability working only during off-peak hours P Yes Special precautions to be taken during assembly, installation or maintenance (if applicable): see product accompanying documents Yes Condensing boiler P Yes Condensing boiler P No Condensing boiler No No Combination heater P KW 24,00 | Declared load profile | | | XL | |
| Rated heat output Prated kW 24 Annual energy consumption (average climate conditions) Q₁€ kWh 99 Annual energy consumption Q₁€ GJ 74 Annual energy consumption AEC kWh 40 Annual fuel consumption AFC GJ 18 Seasonal space heating energy efficiency n₅ % 94 Water heating energy efficiency n₅ % 94 Water heating energy efficiency n₅ % 94 Water heating energy efficiency n₅ % 85 Sound power level, indoors Lwa dB 45 Indication about ability working only during off-peak hours Special precautions to be taken during assembly, installation or maintenance (if applicable): see product accompanying documents Ves Condensing boiler No No No Condensing boiler No No No No Cogeneration space heater No No No No Cogeneration space heater No No No No <td>Energy Efficiency Class</td> <td></td> <td></td> <td>А</td> | Energy Efficiency Class | | | А | |
| Annual energy consumption (average climate conditions) Q _{HE} kWh 99 Annual energy consumption Q _{HE} GJ 74 Annual electricity consumption AEC kWh 40 Annual fuel consumption AFC GJ 18 Seasonal space heating energy efficiency η _S % 94 Water heating energy efficiency η _M % 85 Sound power level, indoors L _{WA} dB 45 Indication about ability working only during off-peak hours Low demonstrating documents Vermitted of the state of th | Water heating energy efficiency class | | | A | |
| Annual energy consumption Q _{HE} GJ 74 Annual electricity consumption AEC kWh 40 Annual fuel consumption AFC GJ 18 Seasonal space heating energy efficiency η _{sh} % 94 Water heating energy efficiency η _{sh} % 85 Sound power level, indoors L _{wA} dB 45 Indication about ability working only during off-peak hours L _{wA} dB 45 Indication about ability working only during off-peak hours Peach to the stack of the st | Rated heat output | Prated | kW | 24 | |
| Annual electricity consumption AEC kWh 40 Annual fuel consumption AFC GJ 18 Seasonal space heating energy efficiency η _{sh} % 94 Water heating energy efficiency η _{sh} % 95 Sound power level, indoors L _{WA} dB 45 Indication about ability working only during off-peak hours - - Special precautions to be taken during assembly, installation or maintenance (if applicable): see product accompanying documents Condensing boiler Yes Low temperature boiler No No Defendensing boiler No No Low temperature boiler No No No Cogeneration space heater No No Cogeneration space heater No No Combination heater Yes Ves < | Annual energy consumption (average climate conditions) | Q_{HE} | kWh | 99 | |
| Annual fuel consumption AFC GJ 18 Seasonal space heating energy efficiency η _{lon} % 94 Water heating energy efficiency η _{lon} % 85 Sound power level, indoors L _{WA} dB 45 Indication about ability working only during off-peak hours Legal of the precautions to be taken during assembly, installation or maintenance (if applicable): see product accompanying documents Condensing boiler Yes No Low temperature boiler No No B1 boiler No No Cogeneration space heater No No Combination heater No Yes Useful heat output At rated heat output and high temperature regime P4 kW 24,00 At 30 % of rated heat output and low temperature regime P4 kW 87,9 At 30 % of rated heat output and low temperature regime P4 % 87,9 At 20 % of rated heat output and low temperature regime P4 % 98,9 Auxiliary electricity consumption elmax kW 0,039 <td< td=""><td>Annual energy consumption</td><td>Q_{HE}</td><td>GJ</td><td>74</td></td<> | Annual energy consumption | Q _{HE} | GJ | 74 | |
| Seasonal space heating energy efficiency η _S % 94 Water heating energy efficiency η _{Wh} % 85 Sound power level, indoors L _{WA} dB 45 Indication about ability working only during off-peak hours L _{WA} dB 45 Special precautions to be taken during assembly, installation or maintenance (if applicable): see product accompanying documents Special precautions to be taken during assembly, installation or maintenance (if applicable): see product accompanying documents Condensing boiler No No Low temperature boiler No No B1 boiler No No Cogeneration space heater No No Combination heater Yes X Useful bet output Water and output and high temperature regime P4 kW 24,00 At 1 acted heat output and low temperature regime P4 kW 87,9 At 25 of rated heat output and low temperature regime P4 % 87,9 At 30 % of rated heat output and low temperature regime P4 W 0,039 | Annual electricity consumption | AEC | kWh | 40 | |
| Water heating energy efficiency noh % 85 Sound power level, indoors L _{WA} dB 45 Indication about ability working only during off-peak hours - Special precautions to be taken during assembly, installation or maintenance (if applicable): see product accompanying documents Condensing boiler Yes Low temperature boiler No B1 boiler No Cogeneration space heater No Combination heater Yes Useful heat output Yes Useful heat output and ligh temperature regime P4 kW 24,00 At 30 % of rated heat output and low temperature regime n1 % 87,9 At 30 % of rated heat output and low temperature regime n4 % 87,9 At 30 % of rated heat output and low temperature regime n1 % 89,9 Auxiliary electricity consumption elmax kW 0,039 At plus load elmax kW 0,039 At part load elmin kW 0,013 In standby mode P _{SB} kW 0,061 User items Rym kW< | Annual fuel consumption | AFC | GJ | 18 | |
| Sound power level, indoors LwA dB 45 Indication about ability working only during off-peak hours Special precautions to be taken during assembly, installation or maintenance (if applicable): see product accompanying documents Condensing boiler Low temperature boiler B1 boiler No Cogeneration space heater Combination heater Wes Useful heat output At rated heat output and high temperature regime At 30 % of rated heat output and low temperature regime At 30 % of rated heat output and high temperature regime At 30 % of rated heat output and low temperature regime At 30 % of rated heat output and low temperature regime At 30 % of rated heat output and low temperature regime At 30 % of rated heat output and low temperature regime At 30 % of rated heat output and low temperature regime At 30 % of rated heat output and low temperature regime At 30 % of rated heat output and low temperature regime At 30 % of rated heat output and low temperature regime At 30 % of rated heat output and low temperature regime At 30 % of rated heat output and low temperature regime At 30 % of rated heat output and low temperature regime At 30 % of rated heat output and low temperature regime At 40 % 87,9 At 30 % of rated heat output and low temperature regime At 50 % of rated heat output and low temperature regime At 40 % 87,9 At 30 % of rated heat output and low temperature regime At 50 % of rated heat output and low temperature regime At 50 % of rated heat output and low temperature regime At 60 % 00 % 00 % 00 % 00 % 00 % 00 % 00 | Seasonal space heating energy efficiency | ηs | % | 94 | |
| Indication about ability working only during off-peak hours Special precautions to be taken during assembly, installation or maintenance (if applicable): see product accompanying documents Condensing boiler Low temperature boiler B1 boiler No Cogeneration space heater Combination heater Useful heat output At rated heat output and high temperature regime At a deal output and low temperature regime P1 kW 8,10 Useful efficiency At rated heat output and high temperature regime P1 kW 8,79 At 30 % of rated heat output and low temperature regime P1 kW 8,79 At 30 % of rated heat output and low temperature regime P3 kW 98,9 Auxiliary electricity consumption At full load Emax kW 0,039 At part load Emin kW 0,013 In standby mode P2 kW 0,002 Other items Standby heat loss P3 kW 99,000 Emissions of nitrogen oxides (only gas- or oil fired) Additional data for combination heaters Daily electricity consumption (average climate conditions) Qelecc kWh 0,180 | Water heating energy efficiency | η_{wh} | % | 85 | |
| Special precautions to be taken during assembly, installation or maintenance (if applicable): see product accompanying documents Condensing boiler Low temperature boiler Book being No Cogeneration space heater No Cogeneration space heater Wes Useful heat output At rated heat output and high temperature regime At a 30 % of rated heat output and low temperature regime Wesful heat output and high temperature regime Wesful efficiency At rated heat output and high temperature regime Was 30 % of rated heat output and low temperature regime Was 30 % of rated heat output and low temperature regime Was 30 % of rated heat output and low temperature regime At 30 % of rated heat output and low temperature regime At 130 % of rated heat output and low temperature regime At 130 % of rated heat output and low temperature regime At 130 % of rated heat output and low temperature regime At 130 % of rated heat output and low temperature regime At 130 % of rated heat output and low temperature regime At 130 % of rated heat output and low temperature regime At 130 % of rated heat output and low temperature regime At 30 % of rated heat output and low temperature regime At 30 % of rated heat output and low temperature regime At 30 % of rated heat output and low temperature regime At 30 % of rated heat output and low temperature regime At 30 % of rated heat output and low temperature regime At 30 % of rated heat output and low temperature regime At 30 % of rated heat output and low temperature regime At 30 % of rated heat output and low temperature regime At 30 % of rated heat output and low temperature regime At 30 % of rated heat output and low temperature regime At 30 % of rated heat output and low temperature regime At 30 % of rated heat output and low temperature regime At 30 % of rated heat output and low temperature regime At 30 % of rated heat output and low temperature regime At 30 % of rated heat output and low temperature regime At 30 % of rated heat output and low temperature regime | Sound power level, indoors | L _{WA} | dB | 45 | |
| Condensing boiler Yes Low temperature boiler No B1 boiler No Cogeneration space heater No Combination heater Yes Useful heat output Useful heat output and high temperature regime P4 kW 24,00 At rated heat output and low temperature regime P1 kW 8,10 Useful efficiency At rated heat output and low temperature regime n4 % 87,9 At 23 % of rated heat output and low temperature regime n1 % 98,9 Auxiliary electricity consumption At part load elmax kW 0,039 At part load elmin kW 0,013 In standby mode Psg kW 0,002 Other items Standby heat loss Psg kW 0,061 Ignition burner power consumption Pign kW 99,000 Emissions of nitrogen oxides (only gas- or oil fired) NOx mg/kWh 40 Additional | Indication about ability working only during off-peak hours | | | - | |
| Low temperature boiler No B1 boiler No Cogeneration space heater No Combination heater Yes Useful heat output At rated heat output and high temperature regime P4 kW 24,00 At 30 % of rated heat output and low temperature regime P1 kW 8,10 Useful efficiency At 130 % of rated heat output and low temperature regime n4 % 87,9 At 20 % of rated heat output and low temperature regime n1 % 98,9 Auxiliary electricity consumption At 10 load elmax kW 0,039 At part load elmin kW 0,013 In standby mode P _{SB} kW 0,002 Other items Standby heat loss P _{Stby} kW 0,061 Ignition burner power consumption P _{Ign} kW 99,000 Emissions of nitrogen oxides (only gas- or oil fired) NOx mg/kWh 40 Additional data for combination heaters | Special precautions to be taken during assembly, installation or maintenance (if applicable): see product accompanying documents | | | | |
| B1 boiler No Cogeneration space heater No Combination heater Yes Useful heat output Ves At rated heat output and high temperature regime P4 kW 24,00 At 30 % of rated heat output and low temperature regime P1 kW 8,10 Useful efficiency Very kW At rated heat output and high temperature regime N4 % 87,9 At 30 % of rated heat output and low temperature regime N1 % 98,9 Auxiliary electricity consumption elmax kW 0,039 At part load elmax kW 0,039 At part load elmin kW 0,013 In standby mode P _{S8} kW 0,002 Other items Standby heat loss P _{Stby} kW 0,061 Ignition burner power consumption P _{ign} kW 99,000 Emissions of nitrogen oxides (only gas- or oil fired) NO _x mg/kWh 40 Additional data for combination heaters Daily electricity consumption (average climate conditions) Q _{elec} kWh 0,180 | Condensing boiler | | | Yes | |
| Cogeneration space heater No Combination heater Yes Useful heat output Ves At rated heat output and high temperature regime P4 kW 24,00 At 30% of rated heat output and low temperature regime P1 kW 8,10 Useful efficiency W 87,9 At rated heat output and high temperature regime η4 % 87,9 At 30% of rated heat output and low temperature regime η1 % 98,9 Auxiliary electricity consumption elmax kW 0,039 At part load elmin kW 0,013 In standby mode P _{SB} kW 0,002 Other items Standby heat loss P _{Stby} kW 0,061 Ignition burner power consumption P _{Ign} kW 99,000 Emissions of nitrogen oxides (only gas- or oil fired) NOx mg/kWh 40 Additional data for combination heaters Daily electricity consumption (average climate conditions) Q _{elec} kWh 0,180 | Low temperature boiler | | | No | |
| Combination heater Yes Useful heat output Ves At rated heat output and high temperature regime P4 kW 24,00 At 30% of rated heat output and low temperature regime P1 kW 8,10 Useful efficiency At rated heat output and high temperature regime Π4 % 87,9 At 30% of rated heat output and low temperature regime Π1 % 98,9 Auxiliary electricity consumption elmax kW 0,039 At part load elmax kW 0,039 At part load elmin kW 0,013 In standby mode P _{SB} kW 0,002 Other items Standby heat loss P _{Stby} kW 0,061 Ignition burner power consumption P _{Ign} kW 99,000 Emissions of nitrogen oxides (only gas- or oil fired) NO _x mg/kWh 40 Additional data for combination heaters Daily electricity consumption (average climate conditions) Q _{elec} kWh 0,180 | B1 boiler | | | No | |
| Useful heat output At rated heat output and high temperature regime P4 kW 24,00 At 30 % of rated heat output and low temperature regime P1 kW 8,10 Useful efficiency At rated heat output and high temperature regime P4 % 87,9 At 30 % of rated heat output and low temperature regime P1 % 98,9 Auxiliary electricity consumption At full load elmax kW 0,039 At part load elmin kW 0,013 In standby mode Ps8 kW 0,002 Other items Standby heat loss Ps8 kW 0,061 Ignition burner power consumption Ps8 kW 99,000 Emissions of nitrogen oxides (only gas- or oil fired) NOx mg/kWh 40 Additional data for combination heaters Daily electricity consumption (average climate conditions) Qelec kWh 0,180 | Cogeneration space heater | | | No | |
| At rated heat output and high temperature regime P_4 kW 24,00 At 30 % of rated heat output and low temperature regime P_1 kW 8,10 Useful efficiency At rated heat output and high temperature regime P_1 kW 87,9 At 30 % of rated heat output and low temperature regime P_1 kW 98,9 At 30 % of rated heat output and low temperature regime P_1 kW 98,9 Auxiliary electricity consumption At full load elmax kW 0,039 At part load elmin kW 0,013 In standby mode P_2 kW 0,002 Other items Standby heat loss P_2 kW 0,061 Ignition burner power consumption P_2 kW 99,000 Emissions of nitrogen oxides (only gas- or oil fired) P_2 kW 99,000 Additional data for combination heaters Daily electricity consumption (average climate conditions) P_2 kW 0,180 | Combination heater | | | Yes | |
| At 30 % of rated heat output and low temperature regime P1 kW 8,10 Useful efficiency At rated heat output and high temperature regime η4 % 87,9 At 30 % of rated heat output and low temperature regime η1 % 98,9 Auxiliary electricity consumption elmax kW 0,039 At part load elmin kW 0,013 In standby mode P _{SB} kW 0,002 Other items Standby heat loss P _{stby} kW 0,061 Ignition burner power consumption P _{ign} kW 99,000 Emissions of nitrogen oxides (only gas- or oil fired) NO _x mg/kWh 40 Additional data for combination heaters Daily electricity consumption (average climate conditions) Q _{elec} kWh 0,180 | Useful heat output | | | | |
| Useful efficiency At rated heat output and high temperature regime \$\eta_4\$ % 87,9 At 30 % of rated heat output and low temperature regime \$\eta_1\$ % 98,9 Auxiliary electricity consumption At full load elmax kW \$\eta_0,039 At part load elmin kW \$\eta_0,013 In standby mode P\$B kW 0,002 Other items Standby heat loss P\$stby kW 0,061 Ignition burner power consumption Pign kW 99,000 Emissions of nitrogen oxides (only gas- or oil fired) NO\$ mg/kWh 40 Additional data for combination heaters Daily electricity consumption (average climate conditions) Qelec kWh \$0,180 | At rated heat output and high temperature regime | P_4 | kW | 24,00 | |
| At rated heat output and high temperature regime At 30 % of rated heat output and low temperature regime At 30 % of rated heat output and low temperature regime At full load At full load At part load In standby mode Other items Standby heat loss Standby heat loss Ignition burner power consumption Emissions of nitrogen oxides (only gas- or oil fired) Additional data for combination heaters Daily electricity consumption (average climate conditions) At rated heat output and high temperature regime \[\mathbb{ \mathbb{ \mathbb{ \mathbb{ \mathbb{ \mathbb{ \mathbb{ \mathbb{ \mathbb{ \qquad \qquad \qqq \qqq \qqq \qqq \qqq \qqq \qqq \qqq \q | At 30 % of rated heat output and low temperature regime | P_1 | kW | 8,10 | |
| At 30 % of rated heat output and low temperature regime | Useful efficiency | | | | |
| Auxiliary electricity consumption At full load elmax kW 0,039 At part load elmin kW 0,013 In standby mode P _{SB} kW 0,002 Other items Standby heat loss P _{stby} kW 0,061 Ignition burner power consumption P _{ign} kW 99,000 Emissions of nitrogen oxides (only gas- or oil fired) NO _x mg/kWh 40 Additional data for combination heaters Daily electricity consumption (average climate conditions) Q _{elec} kWh 0,180 | At rated heat output and high temperature regime | η_4 | % | 87,9 | |
| At full load elmax kW 0,039 At part load elmin kW 0,013 In standby mode P _{SB} kW 0,002 Other items Standby heat loss P _{stby} kW 0,061 Ignition burner power consumption P _{ign} kW 99,000 Emissions of nitrogen oxides (only gas- or oil fired) NO _x mg/kWh 40 Additional data for combination heaters Daily electricity consumption (average climate conditions) Q _{elec} kWh 0,180 | At 30 % of rated heat output and low temperature regime | η_1 | % | 98,9 | |
| $\begin{array}{c ccccc} At \ part \ load & elmin & kW & 0,013 \\ In \ standby \ mode & P_{SB} & kW & 0,002 \\ \hline \textbf{Other items} & & & & & & \\ Standby \ heat \ loss & P_{stby} & kW & 0,061 \\ Ignition \ burner \ power \ consumption & P_{ign} & kW & 99,000 \\ Emissions \ of \ nitrogen \ oxides \ (only \ gas- \ or \ oil \ fired) & NO_x & mg/kWh & 40 \\ \hline \textbf{Additional data for combination heaters} & & & & \\ Daily \ electricity \ consumption \ (average \ climate \ conditions) & Q_{elec} & kWh & 0,180 \\ \hline \end{array}$ | Auxiliary electricity consumption | | | | |
| In standby mode PSB kW 0,002 Other items Standby heat loss Pstby kW 0,061 Ignition burner power consumption Pign kW 99,000 Emissions of nitrogen oxides (only gas- or oil fired) NO _x mg/kWh 40 Additional data for combination heaters Daily electricity consumption (average climate conditions) Qelec kWh 0,180 | At full load | elmax | kW | 0,039 | |
| Other items Standby heat loss P _{stby} kW 0,061 Ignition burner power consumption P _{ign} kW 99,000 Emissions of nitrogen oxides (only gas- or oil fired) NO _x mg/kWh 40 Additional data for combination heaters Daily electricity consumption (average climate conditions) Q _{elec} kWh 0,180 | At part load | elmin | kW | 0,013 | |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | In standby mode | P _{SB} | kW | 0,002 | |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | Other items | | | | |
| Emissions of nitrogen oxides (only gas- or oil fired) Additional data for combination heaters Daily electricity consumption (average climate conditions) Q _{elec} kWh 0,180 | Standby heat loss | P _{stby} | kW | 0,061 | |
| Additional data for combination heaters Daily electricity consumption (average climate conditions) Q _{elec} kWh 0,180 | Ignition burner power consumption | P _{ign} | kW | 99,000 | |
| Daily electricity consumption (average climate conditions) Q _{elec} kWh 0,180 | Emissions of nitrogen oxides (only gas- or oil fired) | NO _x | mg/kWh | 40 | |
| | Additional data for combination heaters | | | | |
| Daily fuel consumption Q _{fuel} kWh 22,896 | Daily electricity consumption (average climate conditions) | Q _{elec} | kWh | 0,180 | |
| | Daily fuel consumption | Q _{fuel} | kWh | 22,896 | |

Further important information for installation, maintenance as well as recycling and/or disposal are provided within the installation and operating manuals. Read and follow the installation and operating manuals.