

## **BOSCH**

## Greenstar

## GR4700iW 21 S NG

## 7733600383

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

Rated heat outputPratedkW21Seasonal space heating energy efficiency $\eta_{S}$ $\Re_{W}$ 94Annual energy consumption (average climate conditions) $Q_{HE}$ kWh-Annual energy consumption $Q_{HE}$ GJ65Sound power level, indoors $L_{WA}$ dB44Special precautions to be taken during assembly, installation or maintenance (if applicable): see product accompanying documents2Condensing boilerVesNoSourd power level, indoorsNo8Sourd power level, indoorsNoNoSourdensing boilerNoNoSourdensing boilerNoNoSogeneration space heaterNoNoCombination heaterNoNoSourd power level, and high temperature regimeP4kWAt rade heat output and high temperature regimeP1kWAt 30 % of rated heat output and low temperature regime $\eta_4$ $\%$ At 30 % of rated heat output and low temperature regime $\eta_4$ $\%$ At 30 % of rated heat output and low temperature regime $\eta_1$ $\%$ At all bladelmaxkW0,030At the leat output and high temperature regime $\eta_8$ kW0,002Auxiliary electricity consumptionelminkW0,011Auxiliary electricity consumption $P_{SB}$ kW0,059Auxiliary electricity consumption $P_{SB}$ kW0,059Standby heat loss $P_{stres}$ $kW$ 0,059<	Productdata	Symbol	Unit	7733600383
Seasonal space heating energy efficiencyns%94Annual energy consumption (average climate conditions)Q <sub>HE</sub> kWhAnnual energy consumptionQ <sub>HE</sub> GJ65Sound power level, indoorsL <sub>WA</sub> dB44Special precautions to be taken during assembly, installation or maintenance (if applicable): see product accompanying documentsCondensing boilerYesSourd temperature boilerNo31 boilerNoCogeneration space heaterNoCombination heaterNoJseful heat outputNoStarded heat output and low temperature regimeP4Kt rated heat output and low temperature regimeP4Kt add heat output and low temperature regimeN1Kt add heat output and low temperature regimeN2Kt add heat output and low temperature regimeN1Kt add heat output and low temperature regimeN1Kt add heat output and low temperature regimeN1Kt add heat output and low temperature regimeN2Kt add heat output and low temperature regimeN2Kt add heat output and low temperature regimeN2Kt add heat output and low temperature regimeN3Sourd add heat output and low temperature regimeN4Kt add heat output and low temperature regimeN2Kt add heat output and low temperature regime <t< td=""><td>Energy Efficiency Class</td><td></td><td></td><td>А</td></t<>	Energy Efficiency Class			А
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Annual energy consumption $Q_{HE}$ $GJ$ $65$ Sound power level, indoors $L_{WA}$ $dB$ $44$ Special precautions to be taken during assembly, installation or maintenance (if applicable): see product accompanying documentsCondensing boilerYescow temperature boilerNo31 boilerNoCogeneration space heaterNoCombination heaterNoSpecial precautions to be taken during assembly, installation or maintenance (if applicable): see product accompanying documentsCogeneration space heaterNoCombination heaterNoSpecial precaution space heaterNoCombination heaterNoSpecial precaution space heater <td< td=""><td>Seasonal space heating energy efficiency</td><td>η<sub>s</sub></td><td>%</td><td>94</td></td<>	Seasonal space heating energy efficiency	η <sub>s</sub>	%	94
Sound power level, indoors $L_{WA}$ dB44Special precautions to be taken during assembly, installation or maintenance (if applicable): see product accompanying documentsYesCondensing boilerYesNoSow temperature boilerNo31 boilerNoCogeneration space heaterNoCombination heaterNoSpecial precautions to be taken during assembly, installation or maintenance (if applicable): see product accompanying documentsCogeneration space heaterNoCogeneration space heaterNoCombination heaterNoSpecial precaution the target of the target of the target of the target of targ	Annual energy consumption (average climate conditions)	Q <sub>HE</sub>	kWh	-
Special precautions to be taken during assembly, installation or maintenance (if applicable): see product accompanying documentsCondensing boilerYesw temperature boilerNo31 boilerNo20 ow temperature boilerNo31 boilerNoCogeneration space heaterNoCombination heaterNo20 seful heat outputNo20 seful heat output and high temperature regime $P_4$ $KW$ 21,0Kt rated heat output and low temperature regime $P_1$ $kW$ 21,0Kt at de heat output and low temperature regime $P_1$ $kW$ 21,0Seful heat output and high temperature regime $P_1$ $kW$ 21,0Seful heat output and high temperature regime $P_1$ $kW$ 21,0Seful fifciencySeful heat output and high temperature regime $P_1$ $kW$ 21,0Seful fifciencySeful heat output and low temperature regime $P_1$ $kW$ $99,0$ Auxiliary electricity consumption $P_1$ $kW$ $0,030$ $0,030$ Auxiliary electricity consumption $P_{SB}$ $kW$ $0,002$ Other itemsStandby heat loss $P_{stby}$ $kW$ $0,059$ Standby heat loss $P_{sign}$ $kW$ $0,059$ gnition burner power consumption $P_{ign}$ $kW$ $0,059$	Annual energy consumption	Q <sub>HE</sub>	GJ	65
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Sal boilerNoCogeneration space heaterNoCombination heaterNoJseful heat outputNoAt rated heat output and high temperature regime $P_4$ kWAt 30 % of rated heat output and low temperature regime $P_1$ kWAt 30 % of rated heat output and low temperature regime $P_1$ kWAt ated heat output and high temperature regime $\eta_4$ %88,2At 30 % of rated heat output and low temperature regime $\eta_4$ %99,0Auxiliary electricity consumption $\eta_1$ %99,0Auxiliary electricity consumptionelmaxkW0,030At part loadelminkW0,011n standby mode $P_{sb}$ kW0,002Other itemsStandby heat loss $P_{stoy}$ kW0,059gnition burner power consumption $P_{ign}$ kW	Condensing boiler			Yes
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Jseful heat output   P4   kW   21,0     At rated heat output and high temperature regime   P1   kW   7,1     Jseful efficiency   Jseful efficiency   N4   %   88,2     At a 20 % of rated heat output and high temperature regime $\eta_4$ %   88,2     At a add heat output and high temperature regime $\eta_1$ %   99,0     At a 30 % of rated heat output and low temperature regime $\eta_1$ %   99,0     At 30 % of rated heat output and low temperature regime $\eta_1$ %   99,0     At 30 % of rated heat output and low temperature regime $\eta_1$ %   99,0     At all load   elmax   kW   0,030     At part load   elmax   kW   0,030     At part load   elmin   kW   0,002     Other items   Standby heat loss   Pstby   kW   0,059     gnition burner power consumption   Pign   kW   -	Cogeneration space heater			No
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At rated heat output and high temperature regime $\eta_4$ $\eta_4$ $\vartheta$ 88,2At 30 % of rated heat output and low temperature regime $\eta_1$ $\vartheta$ 99,0Auxiliary electricity consumptionelmaxkW0,030At full loadelmaxkW0,030At part loadelminkW0,011In standby mode $P_{SB}$ kW0,002Other itemsStandby heat loss $P_{stby}$ kW0,059gnition burner power consumption $P_{ign}$ kW-	At 30 % of rated heat output and low temperature regime	P <sub>1</sub>	kW	7,1
At 30 % of rated heat output and low temperature regime $\eta_1$ %   99,0     Auxiliary electricity consumption   At full load   elmax   kW   0,030     At part load   elmin   kW   0,011     In standby mode $P_{SB}$ kW   0,002     Other items   Standby heat loss $P_{stby}$ kW   0,059     gnition burner power consumption $P_{ign}$ kW   -	Useful efficiency	•		•
Auxiliary electricity consumption     At full load   elmax   kW   0,030     At part load   elmin   kW   0,011     n standby mode   P <sub>SB</sub> kW   0,002     Other items   Standby heat loss   P <sub>stby</sub> kW   0,059     gnition burner power consumption   P <sub>ign</sub> kW   -	At rated heat output and high temperature regime	η <sub>4</sub>	%	88,2
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n standby mode P <sub>SB</sub> kW 0,002 <b>Other items</b> Standby heat loss P <sub>stby</sub> kW 0,059 gnition burner power consumption P <sub>ign</sub> kW -	At full load	elmax	kW	0,030
Dther items Pstby kW 0,059   Standby heat loss Pign kW -	At part load	elmin	kW	0,011
Standby heat lossPkW0,059gnition burner power consumptionPkW-	In standby mode	P <sub>SB</sub>	kW	0,002
gnition burner power consumption P <sub>ign</sub> kW -	Other items			
	Standby heat loss	P <sub>stby</sub>	kW	0,059
Emissions of nitrogen oxides (only gas- or oil fired) NO <sub>x</sub> mg/kWh 35	Ignition burner power consumption	P <sub>ign</sub>	kW	-
	Emissions of nitrogen oxides (only gas- or oil fired)	NO <sub>x</sub>	mg/kWh	35

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.