

System datasheet on energy consumption

Greenstar 24Ri LPG ErP+

Worcester, Bosch Group System Package

7733600305

The following system data comply with the requirements of Regulations (EU) No 811/2013 and No 812/2013 supplementing Directive 2010/30/EU.

The energy efficiency of the system of products provided for in this fiche may not correspond to its actual energy efficiency once installed in a building, as the efficiency is influenced by further factors such as heat loss in the distribution system and the dimensioning of the products in relation to building size and characteristics.

| Details for evaluating the space heating energy efficiency | | | |
|--|--|----|---|
| I | Value of the seasonal space heating energy efficiency of the primary product | 92 | % |
| II | Factor for weighting the heat output of primary and supplementary products of a system | | - |
| III | Value of the mathematical expression $294/(11 \cdot P_{rated})$ | | - |
| IV | Value of the mathematical expression $115/(11 \cdot P_{rated})$ | | - |

Seasonal space heating energy efficiency of the boiler I = **1** 92 %

Temperature control (from fiche of temperature control) + **2** %

Class: I = 1%, II = 2%, III = 1.5%, IV = 2%, V = 3%, VI = 4%, VII = 3.5%, VIII = 5%

Supplementary boiler (from fiche of boiler) () - I) x 0.1 = + **3** %

Seasonal space heating energy efficiency (in %)

Solar contribution (from fiche of solar device) (III x + IV x) x 0.9 x (/100) x = + **4** %

Collector size (in m²)

Tank volume (in m³)

Collector efficiency (in %)

Tank rating: A+ = 0.95, A = 0.91, B = 0.86, C = 0.83, D-G = 0.81

Supplementary heat pump (from fiche of heat pump) () - I) x II = + **5** %

Seasonal space heating energy efficiency (in %)

Solar contribution AND supplementary heat pump (select smaller value) 0.5 x **4** OR 0.5 x **5** = - **6** %

Seasonal space heating energy efficiency of the system **7** 92 %

Seasonal space heating energy efficiency class of the system

G < 30%, F ≥ 30%, E ≥ 34%, D ≥ 36%, C ≥ 75%, B ≥ 82%, A ≥ 90%, A+ ≥ 98%, A++ ≥ 125%, A+++ ≥ 150%

A

Boiler and supplementary heat pump with low temperature heat emitters at 35°C? **7** + (50 x II) = %
(from fiche of heat pump)

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