

		WPE-I 31 Premium H
		207089
Manufacturer		STIEBEL ELTRON
Space heating energy efficiency class under average climate conditions, medium-temperature applications		A+++
Energy efficiency class, space heating under average climate conditions, low-temperature applications		A+++
Rated heating output under average climate conditions for medium-temperature applications (P rated)	kW	32
Rated heating output under average climate conditions for low-temperature applications (P rated)	kW	33
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications ( $\eta_s$ )	%	158
Seasonal space heating energy efficiency under average climate conditions for low-temperature applications ( $\eta_s$ )	%	208
Annual energy consumption under average climate conditions for medium-temperature applications (QHE)	kWh/a	15756
Annual energy consumption under average climate conditions for low-temperature applications (QHE)	kWh/a	12666
Sound power level, indoor	dB(A)	47
Option for operation only at off-peak times		-
Special measures		For all special measures to be taken during assembly, installation or maintenance of the room heater, see the installation instructions
Rated heating output under colder climate conditions for medium-temperature applications (P rated)	kW	32
Rated heating output under colder climate conditions for low-temperature applications (P rated)	kW	33
Rated heating output under warmer climate conditions for medium-temperature applications (P rated)	kW	32
Rated heating output under warmer climate conditions for low-temperature applications (P rated)	kW	33
Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications ( $\mbox{$(\Gamma_{\!s})$}$	%	165
Seasonal space heating energy efficiency under colder climate conditions for low-temperature applications ( $\eta_s$ )	%	216
Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications ( $\eta_s$ )	%	158
Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications ( $\eta_s$ )	%	210
Annual energy consumption under colder climate conditions for medium-temperature applications (QHE)	kWh/a	18097
Annual energy consumption under colder climate conditions for low-temperature applications (QHE)	kWh/a	14576
Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)	kWh/a	10211
Annual energy consumption under warmer climate conditions for low-temperature applications (QHE)	kWh/a	8106
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WPE-I 31 Premium H

## STIEBEL ELTRON























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## Product datasheet: Package of space heater and temperature control to Regulation (EU) No 811/2013 (S.I. 2019 No. 539 / Programme 2)

		WPE-I 31 Premium H
		207089
Manufacturer		STIEBEL ELTRON
Seasonal space heating energy efficiency under average climate conditions for low-temperature applications ( $\eta s$ )	%	208
Temperature control class		П
Contribution of temperature control to space heating energy efficiency	%	2
Space heating energy efficiency of package under average climate conditions	%	158
Space heating energy efficiency of package under colder climate conditions	%	165
Space heating energy efficiency of package under warmer climate conditions	%	158
Value of differential between space heating energy efficiency under average climate conditions and that under colder climate conditions	%	7
Value of differential between space heating energy efficiency under warmer climate conditions and that under average climate conditions	%	0
Energy efficiency class, space heating under average climate conditions, low-temperature applications		A+++
Space heating energy efficiency class of package under average climate conditions		A+++

## Product datasheet: Package of space heater and temperature control to Regulation (EU) No 811/2013 (S.I. 2019 No. 539 / Programme 2)

Manufacturer  Low temperature heat pump  With auxiliary heater  Combination heater with heat pump  Rated heating output under colder climate conditions for medium-temperature applications (P rated)  Rated heating output under average climate conditions for medium-temperature applications (P rated)  Rated heating output under average climate conditions for medium-temperature applications (P rated)  Rated heating output, partial load range under colder climate conditions (Pdh)  Tj = -7 °C heating output, partial load range under average climate conditions (Pdh)  Tj = -7 °C heating output, partial load range under average climate conditions (Pdh)  Tj = -7 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 2 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 2 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 2 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 7 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 7 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 7 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 7 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 7 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)  Tj = operating temperatur			WPE-I 31 Premium H
Low temperature heat pump  With auxiliary heater  Combination heater with heat pump  Rated heating output under colder climate conditions for medium-temperature applications (P rated)  Rated heating output under average climate conditions for medium-temperature applications (P rated)  Rated heating output under average climate conditions for medium-temperature applications (P rated)  Rated heating output, under average climate conditions for medium-temperature applications (P rated)    1			207089
With auxiliary heater Combination heater with heat pump Rated heating output under colder climate conditions for medium-temperature applications (P rated) Rated heating output under warmer climate conditions for medium-temperature applications (P rated) Rated heating output under warmer climate conditions for medium-temperature applications (P rated) Rated heating output under warmer climate conditions for medium-temperature applications (P rated) Tij = 7 °C heating output, partial load range under colder climate conditions (Pdh) Tij = 7 °C heating output, partial load range under average climate conditions (Pdh) Tij = 2 °C heating output, partial load range under colder climate conditions (Pdh) Tij = 2 °C heating output, partial load range under average climate conditions (Pdh) Tij = 2 °C heating output, partial load range under average climate conditions (Pdh) Tij = 2 °C heating output, partial load range under average climate conditions (Pdh) Tij = 7 °C heating output, partial load range under colder climate kW Tij = 7 °C heating output, partial load range under average climate conditions (Pdh) Tij = 7 °C heating output, partial load range under average climate conditions (Pdh) Tij = 7 °C heating output, partial load range under average climate kW Tij = 7 °C heating output, partial load range under average climate conditions (Pdh) Tij = 7 °C heating output, partial load range under average climate kW Tij = 7 °C heating output, partial load range under colder climate kW Tij = 7 °C heating output, partial load range under average climate conditions (Pdh) Tij = 10 °C heating output, partial load range under colder climate kW Tij = 7 °C heating output, partial load range under warmer climate kW Tij = 7 °C heating output, partial load range under warmer climate conditions (Pdh) Tij = 40 °C heating output, partial load range under warmer climate kW Tij = 40 °C		_	STIEBEL ELTRON
Combination heater with heat pump Rated heating output under colder climate conditions for medium- temperature applications (P rated) Rated heating output under average climate conditions for medium- temperature applications (P rated) Rated heating output under average climate conditions for medium- temperature applications (P rated) Rated heating output under warmer climate conditions for medium- temperature applications (P rated)  1 = -7 "C heating output, partial load range under colder climate conditions (Pth) 1 = -7 "C heating output, partial load range under average climate conditions (Pth) 1 = -7 "C heating output, partial load range under average climate conditions (Pth) 1 = 2 "C heating output, partial load range under average climate conditions (Pth) 1 = 7 "C heating output, partial load range under average climate conditions (Pth) 1 = 7 "C heating output, partial load range under average climate conditions (Pth) 1 = 7 "C heating output, partial load range under colder climate conditions (Pth) 1 = 7 "C heating output, partial load range under colder climate conditions (Pth) 1 = 7 "C heating output, partial load range under average climate conditions (Pth) 1 = 7 "C heating output, partial load range under average climate conditions (Pth) 2 = 7 "C heating output, partial load range under average climate conditions (Pth) 3 = 12 "C heating output, partial load range under colder climate conditions (Pth) 4 = 12 "C heating output, partial load range under colder climate conditions (Pth) 5 = 12 "C heating output, partial load range under colder climate conditions (Pth) 6 = 1 = 12 "C heating output, partial load range under warmer climate conditions (Pth) 6 = 1 = 12 "C heating output, partial load range under warmer climate conditions (Pth) 6 = 1 = 12 "C heating output, partial load range under colder climate conditions (Pth) 6 = 1 = 12 "C heating output, partial load range under warmer climate conditions (Pth) 7 = 12 "C heating output, partial load range under warmer climate conditions (Pth) 8 = 1 = 1 = 1 =			<del>-</del>
Rated heating output under colder climate conditions for medium- temperature applications (P rated)  Rated heating output under average climate conditions for medium- temperature applications (P rated)  Rated heating output under warmer climate conditions for medium- temperature applications (P rated)  1 = -7 °C heating output, partial load range under colder climate conditions (Pdh)  1 = -7 °C heating output, partial load range under colder climate conditions (Pdh)  1 = -7 °C heating output, partial load range under colder climate conditions (Pdh)  1 = 2 °C heating output, partial load range under average climate conditions (Pdh)  1 = 2 °C heating output, partial load range under average climate conditions (Pdh)  1 = 2 °C heating output, partial load range under average climate conditions (Pdh)  1 = 2 °C heating output, partial load range under average climate conditions (Pdh)  1 = 7 °C heating output, partial load range under colder climate conditions (Pdh)  1 = 7 °C heating output, partial load range under average climate conditions (Pdh)  1 = 7 °C heating output, partial load range under average climate conditions (Pdh)  2 °C heating output, partial load range under average climate conditions (Pdh)  2 °C heating output, partial load range under average climate conditions (Pdh)  3 °C heating output, partial load range under average climate conditions (Pdh)  4 °C heating output, partial load range under average climate conditions (Pdh)  5 °C heating output, partial load range under average climate conditions (Pdh)  6 °C heating output, partial load range under average climate conditions (Pdh)  7 °C heating output, partial load range under average climate conditions (Pdh)  8 °C heating output, partial load range under average climate conditions (Pdh)  8 °C heating output, partial load range under average climate conditions (Pdh)  8 °C heating output, partial load range under average climate conditions (Pdh)  8 °C heating output, partial load range under average climate conditions (Pdh)  8 °C heating output, pa			
temperature applications (P rated) Rated heating output under average climate conditions for medium-temperature applications (P rated) Rated heating output under warmer climate conditions for medium-temperature applications (P rated) Rated heating output, under warmer climate conditions for medium-temperature applications (P rated)  Tj = -7 °C heating output, partial load range under colder climate conditions (Pdh)  Tj = -2 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 2 °C heating output, partial load range under colder climate conditions (Pdh)  Tj = 2 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 2 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 2 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 7 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 7 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 7 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 7 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 0 parting temperature under average climate conditions (Pdh)  Tj = 0 parting temperature under average climate conditions (Pdh)  Tj = 0 parting temperature limit under			
temperature applications (P rated)  Tj = 7° C heating output, partial load range under colder climate conditions (Pdh)  Tj = 12° C heating output, partial load range under colder climate conditions (Pdh)  Tj = 2° C heating output, partial load range under colder climate conditions (Pdh)  Tj = 2° C heating output, partial load range under colder climate conditions (Pdh)  Tj = 2° C heating output, partial load range under average climate conditions (Pdh)  Tj = 2° C heating output, partial load range under average climate conditions (Pdh)  Tj = 2° C heating output, partial load range under average climate conditions (Pdh)  Tj = 7° C heating output, partial load range under warmer climate conditions (Pdh)  Tj = 7° C heating output, partial load range under colder climate conditions (Pdh)  Tj = 7° C heating output, partial load range under colder climate conditions (Pdh)  Tj = 7° C heating output, partial load range under average climate conditions (Pdh)  Tj = 7° C heating output, partial load range under average climate conditions (Pdh)  Tj = 12° C heating output, partial load range under colder climate conditions (Pdh)  Tj = 12° C heating output, partial load range under warmer climate conditions (Pdh)  Tj = 12° C heating output, partial load range under average climate conditions (Pdh)  Tj = 12° C heating output, partial load range under average climate conditions (Pdh)  Tj = 12° C heating output, partial load range under average climate conditions (Pdh)  Tj = 12° C heating output, partial load range under average climate conditions (Pdh)  Tj = 12° C heating output, partial load range under average climate conditions (Pdh)  Tj = 12° C heating output, partial load range under average climate conditions (Pdh)  Tj = 0 parting output, partial load range under average climate conditions (Pdh)  Tj = 0 parting temperature under colder climate conditions (Pdh)  NW  Tj = 0 parting temperature limit under average climate conditions (Pdh)  NW  Tj = 0 pareating temperature limit under colder climate conditions (Pdh)  NW  Tj	temperature applications (P rated)	kW	32
temperature applications (P rated)  Tj = -7 °C heating output, partial load range under colder climate conditions (Pdh)  Tj = -7 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 2 °C heating output, partial load range under colder climate conditions (Pdh)  Tj = 2 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 2 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 2 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 2 °C heating output, partial load range under warmer climate conditions (Pdh)  Tj = 7 °C heating output, partial load range under colder climate conditions (Pdh)  Tj = 7 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 7 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 7 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 7 °C heating output, partial load range under colder climate conditions (Pdh)  Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)  Tj = dual mode temperature under colder climate conditions (Pdh)  kW  1j = dual mode temperature under average climate conditions (Pdh)  kW  3 Tj = operating temperature limit under colder climate conditions (Pdh)  kW  3 Tj = operating temperature limit under colder climate conditions (Pdh)  kW  3 Tj = operating temperature limit under colder climate conditions (Pdh)  kW  3 Tj = operating temperature limit under colder climate conditions (Pdh)  kW  3 Tj = operating temperature under average climate conditions (Pdh)  kW  3 Tj = operating temperature under av		kW	32
conditions (Pdh)  Tj = 2° C heating output, partial load range under older climate conditions (Pdh)  Tj = 2° C heating output, partial load range under older climate conditions (Pdh)  Tj = 2° C heating output, partial load range under average climate conditions (Pdh)  Tj = 2° C heating output, partial load range under average climate conditions (Pdh)  Tj = 2° C heating output, partial load range under warmer climate conditions (Pdh)  Tj = 7° C heating output, partial load range under colder climate conditions (Pdh)  Tj = 7° C heating output, partial load range under average climate conditions (Pdh)  Tj = 7° C heating output, partial load range under average climate conditions (Pdh)  Tj = 7° C heating output, partial load range under average climate conditions (Pdh)  Tj = 12° C heating output, partial load range under colder climate conditions (Pdh)  Tj = 12° C heating output, partial load range under average climate conditions (Pdh)  Tj = 12° C heating output, partial load range under average climate conditions (Pdh)  Tj = 12° C heating output, partial load range under average climate conditions (Pdh)  Tj = 12° C heating output, partial load range under average climate conditions (Pdh)  Tj = 12° C heating output, partial load range under average climate conditions (Pdh)  Tj = 12° C heating output, partial load range under warmer climate conditions (Pdh)  Tj = dual mode temperature under average climate conditions (Pdh)  Tj = dual mode temperature under average climate conditions (Pdh)  Tj = dual mode temperature imit under average climate conditions (Pdh)  Tj = operating temperature limit under average climate conditions (Pdh)  Tj = operating temperature limit under colder climate conditions (Pdh)  Tj = operating temperature limit under average climate conditions (Pdh)  Tj = operating temperature under average climate conditions (Pdh)  Tj = operating temperature under average climate conditions (Pdh)  Tj = operating temperature under average climate conditions (Pdh)  Tj = operating temperature under average cli		kW	32
conditions (Pdh)  Tj = 2 °C heating output, partial load range under colder climate conditions (Pdh)  Tj = 2 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 2 °C heating output, partial load range under average climate kW  1		kW	19,2
conditions (Pdh)  Tj = 2 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 2 °C heating output, partial load range under warmer climate kW 3  Tj = 7 °C heating output, partial load range under colder climate conditions (Pdh)  Tj = 7 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 7 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 7 °C heating output, partial load range under warmer climate kW 2  conditions (Pdh)  Tj = 12 °C heating output, partial load range under colder climate kW 2  conditions (Pdh)  Tj = 12 °C heating output, partial load range under colder climate kW 3  Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 12 °C heating output, partial load range under average climate kW 3  Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 12 °C heating output, partial load range under warmer climate kW 3  Tj = dual mode temperature under colder climate conditions (Pdh)  KW 3  Tj = dual mode temperature under average climate conditions (Pdh)  KW 3  Tj = operating temperature limit under colder climate conditions (Pdh)  KW 3  Tj = operating temperature limit under average climate conditions (Pdh)  KW 3  Tj = operating temperature limit under average climate conditions (Pdh)  KW 3  Tj = operating temperature limit under average climate conditions (Pdh)  KW 3  Dual mode temperature under average climate conditions (Pdh)  KW 3  Dual mode temperature under average climate conditions (Pdh)  KW 3  Dual mode temperature under warmer climate conditions (Pbh)  C 3  Dual mode temperature under warmer climate conditions (Tbiv)  C 4  Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (Ts)  Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (Ts)		kW	28,0
conditions (Pdh)  Tj = 2 °C heating output, partial load range under warmer climate conditions (Pdh)  Tj = 7 °C heating output, partial load range under colder climate conditions (Pdh)  Tj = 7 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 7 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 7 °C heating output, partial load range under warmer climate conditions (Pdh)  Tj = 12 °C heating output, partial load range under colder climate conditions (Pdh)  Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 12 °C heating output, partial load range under warmer climate conditions (Pdh)  Tj = 12 °C heating output, partial load range under warmer climate conditions (Pdh)  Tj = 12 °C heating output, partial load range under warmer climate conditions (Pdh)  Tj = 12 °C heating output, partial load range under warmer climate conditions (Pdh)  kW  1 output load mode temperature under colder climate conditions (Pdh)  kW  3 output load mode temperature under average climate conditions (Pdh)  kW  3 output load load temperature under average climate conditions (Pdh)  kW  3 output load temperature limit under colder climate conditions (Pdh)  kW  3 output load temperature limit under colder climate conditions (Pdh)  kW  3 output load temperature limit under warmer climate conditions (Pdh)  kW  3 output load temperature limit under warmer climate conditions (Pdh)  kW  3 output load temperature under colder climate conditions (Pdh)  kW  3 output load temperature under colder climate conditions (Pdh)  kW  3 output load temperature under colder climate conditions (Pdh)  kW  3 output load temperature under colder climate conditions (Pdh)  kW  3 output load temperature under colder climate conditions (Pdh)  kW  3 output load temperature under colder climate con		kW	11,7
conditions (Pdh)  Tj = 7 °C heating output, partial load range under colder climate conditions (Pdh)  Tj = 7 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 7 °C heating output, partial load range under warmer climate conditions (Pdh)  Tj = 7 °C heating output, partial load range under warmer climate conditions (Pdh)  Tj = 12 °C heating output, partial load range under colder climate conditions (Pdh)  Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 12 °C heating output, partial load range under warmer climate conditions (Pdh)  Tj = dual mode temperature under colder climate conditions (Pdh)  Tj = dual mode temperature under average climate conditions (Pdh)  Tj = dual mode temperature under warmer climate conditions (Pdh)  KW  3 Tj = operating temperature limit under colder climate conditions (Pdh)  KW  3 Tj = operating temperature limit under average climate conditions (Pdh)  KW  3 Unal mode temperature limit under warmer climate conditions (Pdh)  C Unual mode temperature under average climate conditions (Tbiv)  C Unual mode temperature under average climate conditions (Tbiv)  Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (Tsiv)  Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (Tsiv)  Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (Tsiv)  Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (Tsiv)  Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (Tsiv)		kW	17,1
conditions (Pdh)  Tj = 7 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 7 °C heating output, partial load range under warmer climate conditions (Pdh)  Tj = 12 °C heating output, partial load range under colder climate conditions (Pdh)  Tj = 12 °C heating output, partial load range under colder climate conditions (Pdh)  Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 12 °C heating output, partial load range under warmer climate conditions (Pdh)  Tj = dual mode temperature under colder climate conditions (Pdh)  KW  1 output load mode temperature under colder climate conditions (Pdh)  Tj = dual mode temperature under average climate conditions (Pdh)  KW  3 output load mode temperature under warmer climate conditions (Pdh)  KW  3 output load mode temperature limit under colder climate conditions (Pdh)  KW  3 output load mode temperature limit under colder climate conditions (Pdh)  KW  3 output load mode temperature limit under average climate conditions (Pdh)  KW  3 output load mode temperature limit under colder climate conditions (Pdh)  KW  3 output load mode temperature limit under warmer climate conditions (Pdh)  KW  3 output load temperature limit under warmer climate conditions (Pdh)  KW  3 output load temperature under colder climate conditions (Pdh)  KW  5 output load temperature under colder climate conditions (Tbiv)  CC  Dual mode temperature under warmer climate conditions (Tbiv)  CC  Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (Tsi)  Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (Tsi)  Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (Tsi)  Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (Tsi)		kW	31,7
conditions (Pdh)  Tj = 7 °C heating output, partial load range under warmer climate conditions (Pdh)  Tj = 12 °C heating output, partial load range under colder climate conditions (Pdh)  Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 12 °C heating output, partial load range under warmer climate conditions (Pdh)  Tj = 12 °C heating output, partial load range under warmer climate conditions (Pdh)  KW  1 clud mode temperature under colder climate conditions (Pdh)  Tj = dual mode temperature under average climate conditions (Pdh)  KW  3 clud mode temperature under warmer climate conditions (Pdh)  KW  3 clud mode temperature limit under colder climate conditions (Pdh)  KW  3 clud mode temperature limit under average climate conditions (Pdh)  KW  3 clud mode temperature limit under warmer climate conditions (Pdh)  KW  3 clud mode temperature under colder climate conditions (Pdh)  KW  5 clud mode temperature under colder climate conditions (Tbiv)  Culul mode temperature under average climate conditions (Tbiv)  Culul mode temperature under warmer climate conditions (Tbiv)  Culul mode temperature under warmer climate conditions (Tbiv)  Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (Is)  Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (Is)  Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (Is)		kW	11,7
conditions (Pdh)  Tj = 12 °C heating output, partial load range under colder climate conditions (Pdh)  Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 12 °C heating output, partial load range under warmer climate conditions (Pdh)  Tj = dual mode temperature under colder climate conditions (Pdh)  KW  1  Tj = dual mode temperature under average climate conditions (Pdh)  Tj = dual mode temperature under average climate conditions (Pdh)  KW  3  Tj = operating temperature limit under colder climate conditions (Pdh)  KW  3  Tj = operating temperature limit under average climate conditions (Pdh)  KW  3  Tj = operating temperature limit under average climate conditions (Pdh)  KW  3  Tj = operating temperature limit under average climate conditions (Pdh)  KW  3  Tj = operating temperature limit under warmer climate conditions (Pdh)  KW  3  Tj = operating temperature limit under warmer climate conditions (Pdh)  KW  3  Dual mode temperature under colder climate conditions (Tbiv)  °C  Dual mode temperature under average climate conditions (Tbiv)  °C  Dual mode temperature under warmer climate conditions (Tbiv)  °C  Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (Tg)  Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (Tg)  Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (Tg)  Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (Tg)  Seasonal space heating energy efficiency under average climate		kW	11,0
Conditions (Pdh)  Tj = 12 °C heating output, partial load range under average climate conditions (Pdh)  Tj = 12 °C heating output, partial load range under warmer climate conditions (Pdh)  Tj = 12 °C heating output, partial load range under warmer climate conditions (Pdh)  Tj = dual mode temperature under colder climate conditions (Pdh)  KW  3 Tj = dual mode temperature under average climate conditions (Pdh)  KW  3 Tj = dual mode temperature under warmer climate conditions (Pdh)  KW  3 Tj = operating temperature limit under colder climate conditions (Pdh)  KW  3 Tj = operating temperature limit under average climate conditions (Pdh)  KW  3 Tj = operating temperature limit under average climate conditions (Pdh)  KW  3 Tj = operating temperature limit under warmer climate conditions (Pdh)  KW  3 Tj = operating temperature under conder climate conditions (Pdh)  KW  3 Und mode temperature under conder climate conditions (Tbiv)  CDual mode temperature under average climate conditions (Tbiv)  CDual mode temperature under average climate conditions (Tbiv)  CC  Seasonal space heating energy efficiency under colder climate conditions (Tbiv)  Seasonal space heating energy efficiency under average climate conditions (Tsiv)  Seasonal space heating energy efficiency under average climate conditions (Tsiv)  Seasonal space heating energy efficiency under average climate conditions (Tsiv)	· · · · · · · · · · · · · · · · · · ·	kW	20,4
conditions (Pdh)  Tj = 12 °C heating output, partial load range under warmer climate conditions (Pdh)  Tj = dual mode temperature under colder climate conditions (Pdh)  KW  3  Tj = dual mode temperature under average climate conditions (Pdh)  KW  3  Tj = dual mode temperature under warmer climate conditions (Pdh)  KW  3  Tj = operating temperature limit under colder climate conditions (Pdh)  KW  3  Tj = operating temperature limit under average climate conditions (Pdh)  KW  3  Tj = operating temperature limit under average climate conditions (Pdh)  KW  3  Dual mode temperature under warmer climate conditions (Pdh)  CDual mode temperature under average climate conditions (Tbiv)  CDual mode temperature under average climate conditions (Tbiv)  CDual mode temperature under warmer climate conditions (Tbiv)  CDual mode temperature under warmer climate conditions (Tbiv)  CSeasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (Ns)  Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (Ns)  Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (Ns)	, , , , ,	kW	11,7
Conditions (Pdh)  Tj = dual mode temperature under colder climate conditions (Pdh) kW  Tj = dual mode temperature under average climate conditions (Pdh) kW  Tj = dual mode temperature under warmer climate conditions (Pdh) kW  Tj = operating temperature limit under colder climate conditions (Pdh) kW  Tj = operating temperature limit under average climate conditions (Pdh) kW  Tj = operating temperature limit under average climate conditions (Pdh) kW  Tj = operating temperature limit under warmer climate conditions (Pdh) kW  Tj = operating temperature limit under warmer climate conditions (Pdh) kW  Dual mode temperature under colder climate conditions (Tbiv)  C Dual mode temperature under average climate conditions (Tbiv)  C Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (ηs)  Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (ηs)  Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (ηs)		kW	11,7
Tj = dual mode temperature under average climate conditions (Pdh)  Tj = dual mode temperature under warmer climate conditions (Pdh)  KW  Tj = operating temperature limit under colder climate conditions (Pdh)  KW  Tj = operating temperature limit under average climate conditions (Pdh)  KW  Tj = operating temperature limit under warmer climate conditions (Pdh)  KW  Tj = operating temperature limit under warmer climate conditions (Pdh)  CDual mode temperature under colder climate conditions (Tbiv)  CDual mode temperature under average climate conditions (Tbiv)  CDual mode temperature under warmer climate conditions (Tbiv)  CC  Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (ηs)  Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (ηs)  Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (ηs)		kW	11,6
Tj = dual mode temperature under warmer climate conditions (Pdh) kW 3  Tj = operating temperature limit under colder climate conditions (Pdh) kW 3  Tj = operating temperature limit under average climate conditions (Pdh) kW 3  Tj = operating temperature limit under warmer climate conditions (Pdh) kW 33  Dual mode temperature under colder climate conditions (Tbiv) °C  Dual mode temperature under average climate conditions (Tbiv) °C  Dual mode temperature under warmer climate conditions (Tbiv) °C  Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (ηs) %  Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (ηs) %  Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (ηs) %  Seasonal space heating energy efficiency under warmer climate %  Seasonal space heating energy efficiency under warmer climate %	Tj = dual mode temperature under colder climate conditions (Pdh)	kW	31,7
Tj = operating temperature limit under colder climate conditions (Pdh)  Tj = operating temperature limit under average climate conditions (Pdh)  Tj = operating temperature limit under warmer climate conditions (Pdh)  Tj = operating temperature limit under warmer climate conditions (Pdh)  Nual mode temperature under colder climate conditions (Tbiv)  Pual mode temperature under average climate conditions (Tbiv)  Pual mode temperature under warmer climate conditions (Tbiv)  C  Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (ηs)  Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (ηs)  Seasonal space heating energy efficiency under warmer climate	Tj = dual mode temperature under average climate conditions (Pdh)	kW	31,7
Tj = operating temperature limit under average climate conditions (Pdh) kW 3  Tj = operating temperature limit under warmer climate conditions (Pdh) kW 3  Dual mode temperature under colder climate conditions (Tbiv) °C  Dual mode temperature under average climate conditions (Tbiv) °C  Dual mode temperature under warmer climate conditions (Tbiv) °C  Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (ηs) %  Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (ηs) %  Seasonal space heating energy efficiency under average climate %  Seasonal space heating energy efficiency under warmer climate %	Tj = dual mode temperature under warmer climate conditions (Pdh)	kW	31,7
Tj = operating temperature limit under warmer climate conditions (Pdh) kW  Dual mode temperature under colder climate conditions (Tbiv)  Pual mode temperature under average climate conditions (Tbiv)  Pual mode temperature under warmer climate conditions (Tbiv)  Pual mode temperature under warmer climate conditions (Tbiv)  Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (ηs)  Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (ηs)  Seasonal space heating energy efficiency under warmer climate  Seasonal space heating energy efficiency under warmer climate	Tj = operating temperature limit under colder climate conditions (Pdh)	kW	31,7
Dual mode temperature under colder climate conditions (Tbiv)  Dual mode temperature under average climate conditions (Tbiv)  Pual mode temperature under warmer climate conditions (Tbiv)  Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (ηs)  Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (ηs)  Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (ηs)  Seasonal space heating energy efficiency under warmer climate	Tj = operating temperature limit under average climate conditions (Pdh)	kW	31,7
Dual mode temperature under average climate conditions (Tbiv)  Dual mode temperature under warmer climate conditions (Tbiv)  Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (ηs)  Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (ηs)  Seasonal space heating energy efficiency under warmer climate  Seasonal space heating energy efficiency under warmer climate	Tj = operating temperature limit under warmer climate conditions (Pdh)	kW	31,7
Dual mode temperature under warmer climate conditions (Tbiv)  Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (ηs)  Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (ηs)  Seasonal space heating energy efficiency under warmer climate  Seasonal space heating energy efficiency under warmer climate	Dual mode temperature under colder climate conditions (Tbiv)	°C	-22
Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (ηs)  Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (ηs)  Seasonal space heating energy efficiency under warmer climate	Dual mode temperature under average climate conditions (Tbiv)	°C	-10
Conditions for medium-temperature applications (ηs)     %       Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (ηs)     %       Seasonal space heating energy efficiency under warmer climate     %	Dual mode temperature under warmer climate conditions (Tbiv)	°C	2
conditions for medium-temperature applications (ηs)  Seasonal space heating energy efficiency under warmer climate		%	165
, , , , , , , , , , , , , , , , , , , ,		%	158
conditions for medium-temperature applications (15)	Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications ( $\eta$ s)	%	158
Tj = -7 °C COP, partial load range under colder climate conditions (COPd)	· · · · · · · · · · · · · · · · · · ·		3,94
Tj = -7 °C COP, partial load range under average climate conditions (COPd)	· · · · · · · · · · · · · · · · · · ·		3,07
Tj = 2 °C COP, partial load range under colder climate conditions (COPd)	Tj = 2 °C COP, partial load range under colder climate conditions (COPd)		4,73
Tj = 2 °C COP, partial load range under average climate conditions (COPd)	, , , , , , , , , , , , , , , , , , , ,		4,18
Tj = 2 °C COP, partial load range under warmer climate conditions (COPd)	· ·		2,86
Tj = 7 °C COP, partial load range under colder climate conditions (COPd)	Tj = 7 °C COP, partial load range under colder climate conditions (COPd)	_	4,98
Tj = 7 °C COP, partial load range under average climate conditions (COPd)			4,82
Tj = 7 °C COP, partial load range under warmer climate conditions (COPd)	· · · · · · · · · · · · · · · · · · ·		3,73

Tj = 12 °C COP, partial load range under colder climate conditions (COPd)		5,16
Tj = 12 °C COP, partial load range under average climate conditions (COPd)		5,01
Tj = 12 °C COP, partial load range under warmer climate conditions (COPd)		4,84
Tj = dual mode temperature under colder climate conditions (COPd)		2,86
Tj = dual mode temperature under average climate conditions (COPd)		2,86
Tj = dual mode temperature under warmer climate conditions (COPd)		2,86
Tj = operating temperature limit under colder climate conditions (COPd)		2,86
Tj = operating temperature limit under average climate conditions (COPd)		2,86
Tj = operating temperature limit under warmer climate conditions (COPd)		2,86
Operating temperature limit of heating water under colder climate conditions (WTOL)	°C	65
Operating temperature limit of heating water under average climate conditions (WTOL)	°C	65
Operating temperature limit of heating water under warmer climate conditions (WTOL)	°C	65
Power consumption, off-mode (Poff)	W	12
Power consumption, thermostat off-mode (PTO)	W	12
Power consumption, standby state (PSB)	W	12
Type of energy supply, auxiliary heater		elektrisch
Output control		veränderlich
Sound power level, indoor	dB(A)	47
Annual energy consumption under colder climate conditions for medium-temperature applications (QHE)	kWh/a	18097
Annual energy consumption under average climate conditions for medium-temperature applications (QHE)	kWh/a	15756
Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)	kWh/a	10211
Special measures		For all special measures to be taken during assembly, installation or maintenance of the room heater, see the installation instructions