



ENERGY

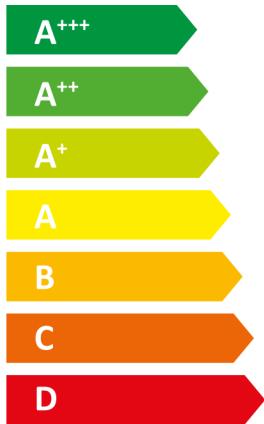
WPL 16 S Trend

STIEBEL ELTRON

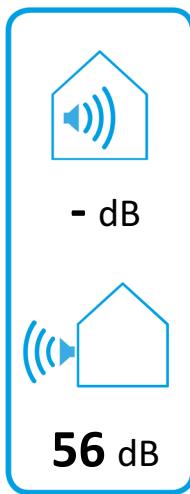


55 °C

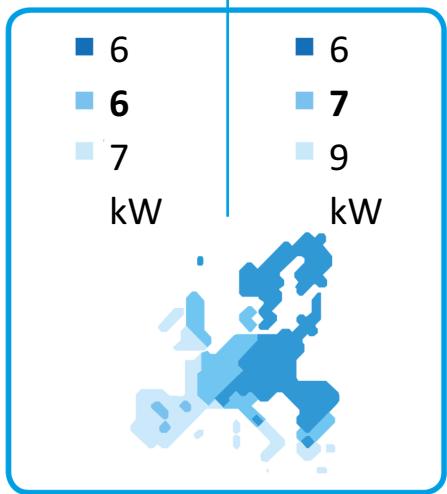
35 °C



A⁺⁺ **A⁺⁺**

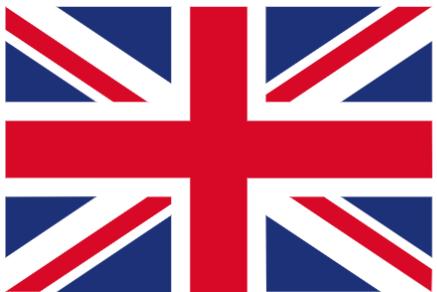


2019



811/2013

		WPL 16 S Trend
Manufacturer		STIEBEL ELTRON
Space heating energy efficiency class under average climate conditions, medium-temperature applications (A+++ -> D)		A++
Energy efficiency class, space heating under average climate conditions, low-temperature applications (A+++ -> D)		A++
Rated heating output under average climate conditions for medium-temperature applications (P rated)	kW	6
Rated heating output under average climate conditions for low-temperature applications (P rated)	kW	7
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (η_s)	%	143
Seasonal space heating energy efficiency under average climate conditions for low-temperature applications (η_s)	%	199
Annual energy consumption under average climate conditions for medium-temperature applications (QHE)	kWh/a	3585
Annual energy consumption under average climate conditions for low-temperature applications (QHE)	kWh/a	3161
Sound power level, indoor		-
Option for operation only at off-peak times		-
Rated heating output under colder climate conditions for medium-temperature applications (P rated)	kW	6
Rated heating output under colder climate conditions for low-temperature applications (P rated)	kW	6
Rated heating output under warmer climate conditions for medium-temperature applications (P rated)	kW	7
Rated heating output under warmer climate conditions for low-temperature applications (P rated)	kW	9
Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (η_s)	%	130
Seasonal space heating energy efficiency under colder climate conditions for low-temperature applications (η_s)	%	155
Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (η_s)	%	160
Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications (η_s)	%	210
Annual energy consumption under colder climate conditions for medium-temperature applications (QHE)	kWh/a	4558
Annual energy consumption under colder climate conditions for low-temperature applications (QHE)	kWh/a	3801
Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)	kWh/a	2429
Annual energy consumption under warmer climate conditions for low-temperature applications (QHE)	kWh/a	2281
Sound power level, outdoor	dB(A)	56



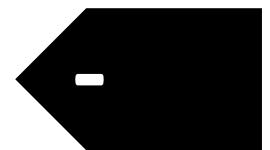
ENERGY

WPL 16 S Trend

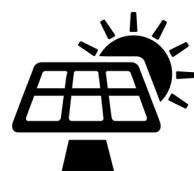
STIEBEL ELTRON



A⁺⁺



+



+



+



+



A⁺⁺⁺

A⁺⁺

A⁺

A

B

C

D

E

F

G

		WPL 16 S Trend
Manufacturer		STIEBEL ELTRON
Seasonal space heating energy efficiency under average climate conditions for low-temperature applications (η_s)	%	199
Temperature control class		VI
Contribution of temperature control to space heating energy efficiency	%	4
Space heating energy efficiency of package under average climate conditions		-
Space heating energy efficiency of package under colder climate conditions		-
Space heating energy efficiency of package under warmer climate conditions		-
Value of differential between space heating energy efficiency under average climate conditions and that under colder climate conditions	%	68
Value of differential between space heating energy efficiency under warmer climate conditions and that under average climate conditions	%	86
Energy efficiency class, space heating under average climate conditions, low-temperature applications (A+++ -> D)		A++
Space heating energy efficiency class of package under average climate conditions (A+++ -> D)		-

WPL 16 S Trend		
		233873
Manufacturer	STIEBEL ELTRON	
Heat source	Außenluft	-
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)	kW	6
Rated heating output under average climate conditions for medium-temperature applications (P rated)	kW	6
Rated heating output under warmer climate conditions for medium-temperature applications (P rated)	kW	7
T _j = -7 °C heating output, partial load range under colder climate conditions (Pdh)		-
T _j = -7 °C heating output, partial load range under average climate conditions (Pdh)	kW	5.1
T _j = 2 °C heating output, partial load range under colder climate conditions (Pdh)		-
T _j = 2 °C heating output, partial load range under average climate conditions (Pdh)	kW	3.1
T _j = 2 °C heating output, partial load range under warmer climate conditions (Pdh)		-
T _j = 7 °C heating output, partial load range under colder climate conditions (Pdh)		-
T _j = 7 °C heating output, partial load range under average climate conditions (Pdh)	kW	2.8
T _j = 7 °C heating output, partial load range under warmer climate conditions (Pdh)		-
T _j = 12 °C heating output, partial load range under colder climate conditions (Pdh)		-
T _j = 12 °C heating output, partial load range under average climate conditions (Pdh)	kW	3.5
T _j = 12 °C heating output, partial load range under warmer climate conditions (Pdh)		-
T _j = dual mode temperature under colder climate conditions (Pdh)		-
T _j = dual mode temperature under average climate conditions (Pdh)	kW	6.1
T _j = dual mode temperature under warmer climate conditions (Pdh)		-
T _j = operating temperature limit under colder climate conditions (Pdh)		-
T _j = operating temperature limit under average climate conditions (Pdh)	kW	4.3
T _j = operating temperature limit under warmer climate conditions (Pdh)		-
For air source heat pumps: T _j = -15 °C (if TOL < -20 °C) (Pdh)	kW	4.6
Dual mode temperature under colder climate conditions (Tbiv)		-
Dual mode temperature under average climate conditions (Tbiv)	Grad C	-10
Dual mode temperature under warmer climate conditions (Tbiv)		-
Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (η_s)	%	130
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (η_s)	%	143
Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (η_s)	%	160
T _j = -7 °C COP, partial load range under colder climate conditions (COPd)		-
T _j = -7 °C COP, partial load range under average climate conditions (COPd)		2.2
T _j = 2 °C COP, partial load range under colder climate conditions (COPd)		-
T _j = 2 °C COP, partial load range under average climate conditions (COPd)		3.5
T _j = 2 °C COP, partial load range under warmer climate conditions (COPd)		-
T _j = 7 °C COP, partial load range under colder climate conditions (COPd)		-
T _j = 7 °C COP, partial load range under average climate conditions (COPd)		5

T_j = 7 °C COP, partial load range under warmer climate conditions (COPd)

T_j = 12 °C COP, partial load range under colder climate conditions (COPd)

T_j = 12 °C COP, partial load range under average climate conditions (COPd)

773

T_j = 12 °C COP, partial load range under warmer climate conditions (COPd)

T_j = dual mode temperature under colder climate conditions (COPd)

-

T_j = dual mode temperature under average climate conditions (COPd)

1.8

T_j = dual mode temperature under warmer climate conditions (COPd)

-

T_j = operating temperature limit under colder climate conditions (COPd)

-

T_j = operating temperature limit under average climate conditions (COPd)

1.6

T_j = operating temperature limit under warmer climate conditions (COPd)

-

For air source heat pumps: T_j = -15 °C (if TOL < -20 °C) (COPd)

1.8

Operating temperature limit under colder climate conditions (TOL)

-

Operating temperature limit under average climate conditions (TOL)

-

Operating temperature limit under warmer climate conditions (TOL)

-

Operating temperature limit of heating water under colder climate conditions (WTOL)

-

Operating temperature limit of heating water under average climate conditions (WTOL)

Grad C

60

Operating temperature limit of heating water under warmer climate conditions (WTOL)

-

Power consumption, off-mode (Poff)

Watt

17

Power consumption, thermostat off-mode (PTO)

Watt

0

Power consumption, standby state (PSB)

Watt

17

Power consumption, operating state, with crankcase heating (PCK)

Watt

30

Rated heating output of auxiliary heater under colder climate conditions (PSUP)

-

Rated heating output of auxiliary heater under average climate conditions (PSUP)

kW

0

Rated heating output of auxiliary heater under warmer climate conditions (PSUP)

-

Type of energy supply, auxiliary heater

elektrisch

Output control

veränderlich

Sound power level, outdoor

dB(A)

56

Sound power level, indoor

-

Annual energy consumption under colder climate conditions for medium-temperature applications (QHE)

kWh/a

4558

Annual energy consumption under average climate conditions for medium-temperature applications (QHE)

kWh/a

3585

Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)

kWh/a

2429

Flow rate on heat source side

m³/h

4500