

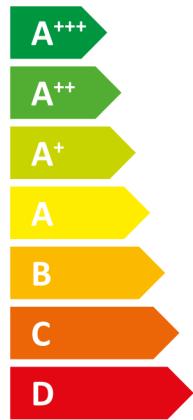


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**STIEBEL ELTRON**

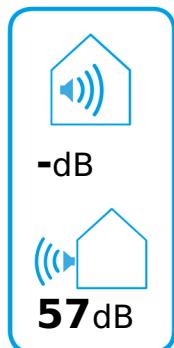
WPL 17 ACS classic  
compact Set



**A++**



**-**



2019

811/2013

## WPL 17 ACS classic compact Set

235991

Manufacturer	STIEBEL ELTRON	
Load profile	-	
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+++	
Energy efficiency class, DHW heating under average climate conditions (A+++ -> D)	-	
Rated heating output under average climate conditions for medium-temperature applications (P rated)	kW	8
Rated heating output under average climate conditions for low-temperature applications (P rated)	kW	9
Annual energy consumption under average climate conditions for medium-temperature applications (QHE)	kWh/a	4865
Annual energy consumption under average climate conditions for low-temperature applications (QHE)	kWh/a	4218
Annual power consumption under average climate conditions (AEC)	-	
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications ( $\eta_s$ )	%	125
Seasonal space heating energy efficiency under average climate conditions for low-temperature applications ( $\eta_s$ )	%	177
Energy efficiency, DHW heating ( $\eta_{wh}$ ), under average climate conditions	-	
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	11
Rated heating output under colder climate conditions for low-temperature applications (P rated)	kW	9
Rated heating output under warmer climate conditions for medium-temperature applications (P rated)	kW	6
Rated heating output under warmer climate conditions for low-temperature applications (P rated)	kW	8
Annual energy consumption under colder climate conditions for medium-temperature applications (QHE)	kWh/a	10193
Annual energy consumption under colder climate conditions for low-temperature applications (QHE)	kWh/a	5722
Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)	kWh/a	2048
Annual energy consumption under warmer climate conditions for low-temperature applications (QHE)	kWh/a	1867
Annual power consumption under colder climate conditions (AEC)	-	
Annual power consumption under warmer climate conditions (AEC)	-	
Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications ( $\eta_s$ )	%	103
Seasonal space heating energy efficiency under colder climate conditions for low-temperature applications ( $\eta_s$ )	%	147
Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications ( $\eta_s$ )	%	153
Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications ( $\eta_s$ )	%	215
Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications ( $\eta_s$ )	%	215
Energy efficiency, DHW heating ( $\eta_{wh}$ ), warmer climates	-	
Sound power level, outdoor	dB(A)	57

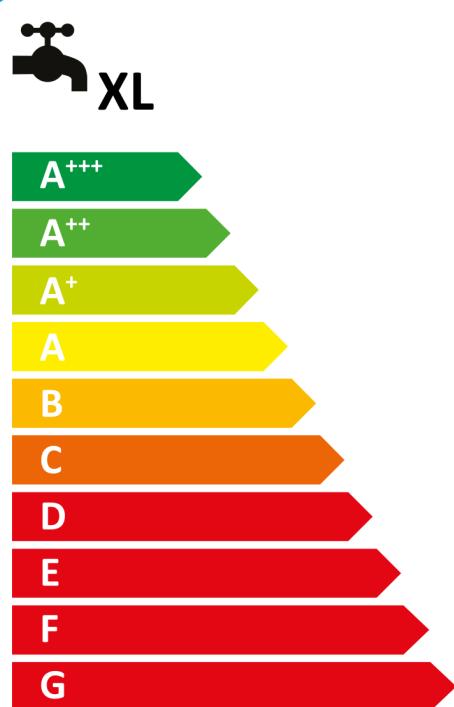
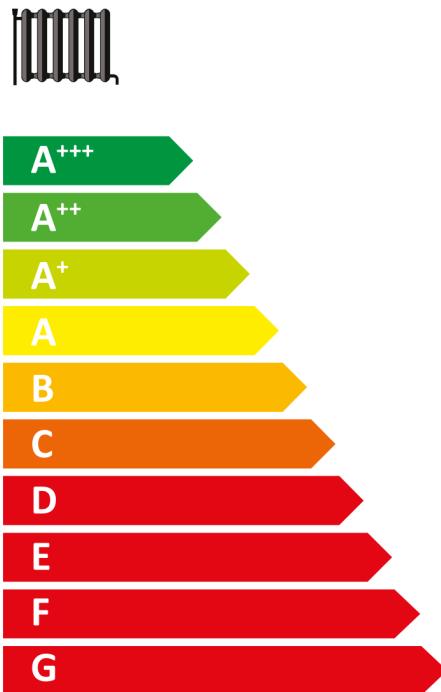
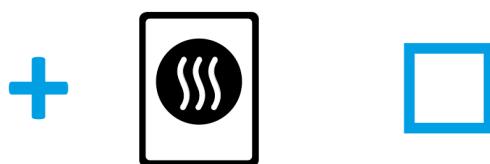
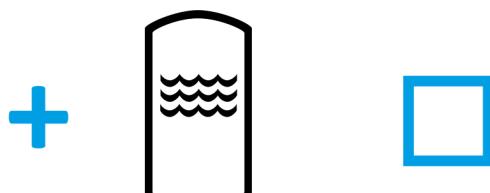
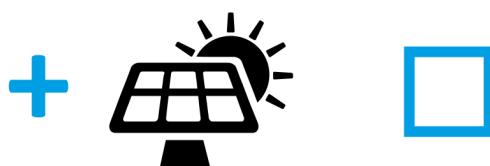
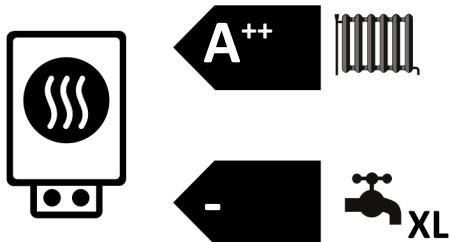


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WPL 17 ACS classic compact Set

**STIEBEL ELTRON**



		WPL 17 ACS classic compact Set
Manufacturer		STIEBEL ELTRON
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications ( $\eta_s$ )	%	125
Temperature control class		VI
Contribution of temperature control to space heating energy efficiency	%	4
Space heating energy efficiency of package under average climate conditions	%	129.3
Space heating energy efficiency of package under colder climate conditions	%	106.9
Space heating energy efficiency of package under warmer climate conditions	%	162.6
Value of differential between space heating energy efficiency under average climate conditions and that under colder climate conditions	%	22.4
Value of differential between space heating energy efficiency under warmer climate conditions and that under average climate conditions	%	33.3
Space heating energy efficiency class under average climate conditions, medium-temperature applications (A+++ -> D)		A++
Space heating energy efficiency class of package under average climate conditions (A+++ -> D)		A++
Energy efficiency class, DHW heating under average climate conditions (A+++ -> D)		-
Load profile		-

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Manufacturer	STIEBEL ELTRON	
Heat source	Luft	
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	11
Rated heating output under average climate conditions for medium-temperature applications (P rated)	kW	8
Rated heating output under warmer climate conditions for medium-temperature applications (P rated)	kW	6
T <sub>j</sub> = -7 °C heating output, partial load range under colder climate conditions (Pdh)	kW	6.6
T <sub>j</sub> = -7 °C heating output, partial load range under average climate conditions (Pdh)	kW	5.1
T <sub>j</sub> = 2 °C heating output, partial load range under colder climate conditions (Pdh)	kW	4
T <sub>j</sub> = 2 °C heating output, partial load range under average climate conditions (Pdh)	kW	4.1
T <sub>j</sub> = 2 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	6
T <sub>j</sub> = 7 °C heating output, partial load range under colder climate conditions (Pdh)	kW	2.7
T <sub>j</sub> = 7 °C heating output, partial load range under average climate conditions (Pdh)	kW	2.6
T <sub>j</sub> = 7 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	3.9
T <sub>j</sub> = 12 °C heating output, partial load range under colder climate conditions (Pdh)	kW	3.4
T <sub>j</sub> = 12 °C heating output, partial load range under average climate conditions (Pdh)	kW	3.3
T <sub>j</sub> = 12 °C heating output, partial load range under warmer climate conditions (Pdh)	kW	3.3
T <sub>j</sub> = dual mode temperature under colder climate conditions (Pdh)	kW	6.6
T <sub>j</sub> = dual mode temperature under average climate conditions (Pdh)	kW	6.1
T <sub>j</sub> = dual mode temperature under warmer climate conditions (Pdh)	kW	6
T <sub>j</sub> = operating temperature limit under colder climate conditions (Pdh)	kW	1.8
T <sub>j</sub> = operating temperature limit under average climate conditions (Pdh)	kW	5.1
T <sub>j</sub> = operating temperature limit under warmer climate conditions (Pdh)	kW	6
For air source heat pumps: T <sub>j</sub> = -15 °C (if TOL < -20 °C) (Pdh)	kW	0
Dual mode temperature under colder climate conditions (Tbiv)	Grad C	-7
Dual mode temperature under average climate conditions (Tbiv)	Grad C	-5
Dual mode temperature under warmer climate conditions (Tbiv)	Grad C	2
Seasonal space heating energy efficiency under colder climate conditions for medium-temperature applications (η <sub>s</sub> )	%	103
Seasonal space heating energy efficiency under average climate conditions for medium-temperature applications (η <sub>s</sub> )	%	125
Seasonal space heating energy efficiency under warmer climate conditions for medium-temperature applications (η <sub>s</sub> )	%	153
T <sub>j</sub> = -7 °C COP, partial load range under colder climate conditions (COPd)		2.4
T <sub>j</sub> = -7 °C COP, partial load range under average climate conditions (COPd)		2
T <sub>j</sub> = 2 °C COP, partial load range under colder climate conditions (COPd)		3.6
T <sub>j</sub> = 2 °C COP, partial load range under average climate conditions (COPd)		3.3
T <sub>j</sub> = 2 °C COP, partial load range under warmer climate conditions (COPd)		2.2
T <sub>j</sub> = 7 °C COP, partial load range under colder climate conditions (COPd)		5
T <sub>j</sub> = 7 °C COP, partial load range under average climate conditions (COPd)		4.6

T <sub>j</sub> = 7 °C COP, partial load range under warmer climate conditions (COPd)		3.2
T <sub>j</sub> = 12 °C COP, partial load range under colder climate conditions (COPd)		6.2
T <sub>j</sub> = 12 °C COP, partial load range under average climate conditions (COPd)		6
T <sub>j</sub> = 12 °C COP, partial load range under warmer climate conditions (COPd)		5.7
T <sub>j</sub> = dual mode temperature under colder climate conditions (COPd)		2.4
T <sub>j</sub> = dual mode temperature under average climate conditions (COPd)		2.3
T <sub>j</sub> = dual mode temperature under warmer climate conditions (COPd)		2.2
T <sub>j</sub> = operating temperature limit under colder climate conditions (COPd)		1.4
T <sub>j</sub> = operating temperature limit under average climate conditions (COPd)		2
T <sub>j</sub> = operating temperature limit under warmer climate conditions (COPd)		2.2
For air source heat pumps: T <sub>j</sub> = -15 °C (if TOL < -20 °C) (COPd)		0
Operating temperature limit under colder climate conditions (TOL)	Grad C	-15
Operating temperature limit under average climate conditions (TOL)	Grad C	-5
Operating temperature limit under warmer climate conditions (TOL)	Grad C	2
Operating temperature limit of heating water under colder climate conditions (WTOL)	Grad C	60
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)	Grad C	60
Power consumption, off-mode (Poff)	Watt	17
Power consumption, thermostat off-mode (PTO)	Watt	30
Power consumption, standby state (PSB)	Watt	17
Power consumption, operating state, with crankcase heating (PCK)	Watt	5
Rated heating output of auxiliary heater under colder climate conditions (PSUP)	kW	11
Rated heating output of auxiliary heater under average climate conditions (PSUP)	kW	8
Rated heating output of auxiliary heater under warmer climate conditions (PSUP)	kW	0
Type of energy supply, auxiliary heater		elektrisch
Output control		veränderlich
Sound power level, outdoor	dB(A)	57
Sound power level, indoor		-
Annual energy consumption under colder climate conditions for medium-temperature applications (QHE)	kWh/a	10193
Annual energy consumption under average climate conditions for medium-temperature applications (QHE)	kWh/a	4865
Annual energy consumption under warmer climate conditions for medium-temperature applications (QHE)	kWh/a	2048
Flow rate on heat source side	m <sup>3</sup> /h	2200
Load profile		-
Daily power consumption under colder climate conditions (QELEC)		-
Daily power consumption under average climate conditions (QELEC)		-
Daily power consumption under warmer climate conditions (QELEC)		-
Annual power consumption under colder climate conditions (AEC)		-
Annual power consumption under average climate conditions (AEC)		-
Annual power consumption under warmer climate conditions (AEC)		-
Seasonal space heating energy efficiency under warmer climate conditions for low-temperature applications ( $\eta_s$ )	%	215
Energy efficiency, DHW heating ( $\eta_{wh}$ ), under average climate conditions		-
Energy efficiency, DHW heating ( $\eta_{wh}$ ), warmer climates		-