

### Product datasheet: Room heater to regulation (EU) no. 811/2013

Manufacturer Energy efficiency class for central heating in moderate climates for medium temperature applications Energy efficiency class for central heating in moderate climates for low temperature applications Energy efficiency class for central heating in moderate climates for low temperature applications Enated heating output in moderate climates for medium temperature applications Enated heating output in moderate climates for low temperature applications Energy efficiency for central heating in moderate climates for medium temperature applications Energy efficiency for central heating in moderate climates for low temperature applications Energy efficiency for central heating in moderate climates for low temperature applications Energy efficiency for central heating in moderate climates for low temperature applications Energy consumption of central heating in moderate climates for medium temperature applications Energy consumption for central heating in moderate climates for medium temperature applications, for low temperature applications Energy consumption for central heating under moderate climatic kWh/a 5026 Sound power level internal Energy consumption for central heating under medium temperature kWh/a 174 Energy consumption for central heating in moderate climatic kWh/a 174 Energy efficiency for central heating in temperature applications Energy efficiency for central heating in colder climates for low temperature kWh/a 174 Energy efficiency for central heating in colder climates for medium temperature applications Energy efficiency for central heating in colder climates for medium temperature applications Energy efficiency for central heating in warmer climates for medium temperature applications Energy efficiency for central heating in warmer climates for low temperature applications Energy efficiency for central heating in warmer climates for low temperature applications Energy consumption for central heating under colder climatic conditions, for medium temperature applications Energy consumption			WPL 19 I flex Set
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for low temperature applications	Energy consumption for central heating under warmer climatic conditions, for medium temperature applications	kWh/a	2227
Sound power level external dB(A) 48		kWh/a	1774
	Sound power level external	dB(A)	48



# ENERG Y (JA) ehepгия · ενεργεια (Ε) (ΙΑ)

# STIEBEL ELTRON

WPL 19 I flex Set





















2015























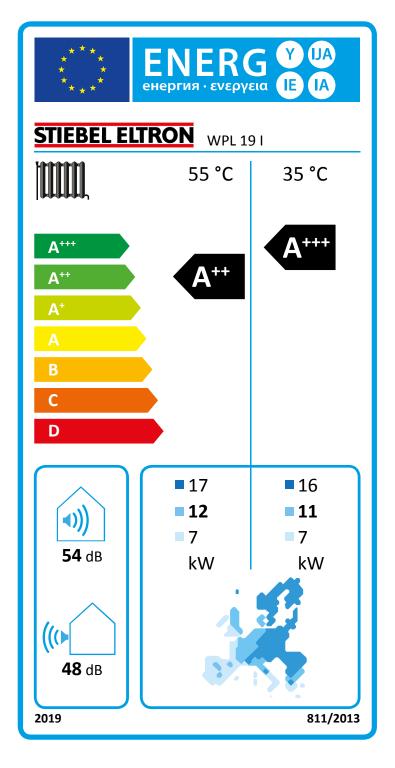




811/2013

		WPL 19 I flex Set
		239097
Manufacturer		STIEBEL ELTRON
Energy efficiency for central heating in moderate climates for medium temperature applications	%	144
Temperature controller class		VI
Contribution of temperature controller to room heating energy efficiency	%	4
Room heating energy efficiency of composite system under moderate climatic conditions	%	148
Room heating energy efficiency of composite system under colder climatic conditions	%	125
Room heating energy efficiency of composite system under warmer climatic conditions	%	175
Value of differential between room heating energy efficiency under moderate climatic conditions and that under colder climatic conditions	%	23
Value of differential between room heating energy efficiency under warmer climatic conditions and that under moderate climatic conditions	%	27
Energy efficiency class for central heating in moderate climates for medium temperature applications		A++
Room heating energy efficiency class of composite system under moderate climatic conditions		A++

		WPL 19 I flex Set
		239097
Manufacturer		STIEBEL ELTRON
Heat source		Outside air
Low temperature heat pump		
With booster heater		x
Combi boiler with heat pump		<u> </u>
Rated heating output in moderate climates for medium temperature applications	kW	12
Tj = -7 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	10,5
Tj = 2 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	7,4
Tj = 7 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	6,8
Tj = 12 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	7,1
Tj = dual mode temperature under moderate climatic conditions (Pdh)	kW	10,6
Ti = operating temperature limit under moderate climatic conditions (Pdh)	kW	8,4
For air/water heat pumps:Tj = -15 °C (if TOL< -20 °C) (Pdh)	kW	0
Tj = -7 °C COP, partial load range under moderate climatic conditions (COPd)		2,58
Tj = 2 °C COP, partial load range under moderate climatic conditions (COPd)		3,57
Tj = 7 °C COP, partial load range under moderate climatic conditions (COPd)		4,83
Tj = 12 °C COP, partial load range under moderate climatic conditions (COPd)		6,36
Tj = dual mode temperature under moderate climatic conditions (COPd)		2,49
Tj = operating temperature limit under moderate climatic conditions (COPd)		2,03
For air/water heat pumps:Tj= -15°C (if TOL< -20 °C) (COPd)	-	0
Dual mode temperature (Tbiv)	°C	-7
Operating temperature limit (Tol)	°C	-10
Heating water operating temperature limit (WTOL)	°C	65
Power consumption, OFF state (Poff)	W	25
Power consumption, thermostat OFF state (PTO)	W	25
Standby power consumption (PSB)	W	25
Power consumption, operating state, with crankcase heating (PCK)	W	0
Booster heater heating output (PSUB)	kW	3,61
Type of energy supply, booster heater		electric
Power control		variable
Sound power level external	dB(A)	48
Sound power level internal	dB(A)	54
Flow rate, heat source side	m <sup>3</sup> /h	2300
Tiom rate; note oothoo oldo	111 /11	2300



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temperature applications  Energy consumption for central heating under colder climatic conditions, for medium temperature applications  Energy consumption for central heating under colder climatic conditions, for low temperature applications  Energy consumption for central heating under warmer climatic conditions, for medium temperature applications  Energy consumption for central heating under warmer climatic conditions, for medium temperature applications  Energy consumption for central heating under warmer climatic conditions, for low temperature applications  kWh/a  13872  kWh/a  2227  Energy consumption for central heating under warmer climatic conditions, for low temperature applications		%	171
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for low temperature applications  Energy consumption for central heating under warmer climatic conditions, for medium temperature applications  Energy consumption for central heating under warmer climatic conditions, for low temperature applications  kWh/a  2227  kWh/a  1774	•	kWh/a	13872
for medium temperature applications  Energy consumption for central heating under warmer climatic conditions, for low temperature applications  kWh/a  1774		kWh/a	10766
for low temperature applications	Energy consumption for central heating under warmer climatic conditions, for medium temperature applications	kWh/a	2227
Sound power level external dB(A) 48		kWh/a	1774
	Sound power level external	dB(A)	48



## IJA ENERG (IE) IA енергия · ενεργεια

# STIEBEL ELTRON

WPL 19 I





















X











		WPL 19 I
		235193
Manufacturer	•	STIEBEL ELTRON
Energy efficiency for central heating in moderate climates for medium temperature applications	%	144
Temperature controller class		VI
Contribution of temperature controller to room heating energy efficiency	%	4
Room heating energy efficiency of composite system under moderate climatic conditions	%	148
Room heating energy efficiency of composite system under colder climatic conditions	%	125
Room heating energy efficiency of composite system under warmer climatic conditions	%	175
Value of differential between room heating energy efficiency under moderate climatic conditions and that under colder climatic conditions	%	23
Value of differential between room heating energy efficiency under warmer climatic conditions and that under moderate climatic conditions	%	27
Energy efficiency class for central heating in moderate climates for medium temperature applications		A++
Room heating energy efficiency class of composite system under moderate climatic conditions		A++

		WPL 19 I
		235193
Manufacturer		STIEBEL ELTRON
Heat source		Outside air
Low temperature heat pump		-
With booster heater	•	X
Combi boiler with heat pump		-
Rated heating output in moderate climates for medium temperature applications	kW	12
Tj = -7 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	9,90
Tj = 2 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	6,80
Tj = 7 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	6,60
Tj = 12 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	6,60
Tj = dual mode temperature under moderate climatic conditions (Pdh)	kW	9,90
Tj = operating temperature limit under moderate climatic conditions (Pdh)	kW	7,70
For air/water heat pumps:Tj = -15 °C (if TOL< -20 °C) (Pdh)	kW	0,00
Tj = -7 °C COP, partial load range under moderate climatic conditions (COPd)		3,32
Tj = 2 °C COP, partial load range under moderate climatic conditions (COPd)		4,51
Tj = 7 °C COP, partial load range under moderate climatic conditions (COPd)		6,00
Tj = 12 °C COP, partial load range under moderate climatic conditions (COPd)		7,27
Tj = dual mode temperature under moderate climatic conditions (COPd)		3,32
Tj = operating temperature limit under moderate climatic conditions (COPd)		2,68
For air/water heat pumps:Tj= -15°C (if TOL< -20 °C) (COPd)		0,00
Dual mode temperature (Tbiv)	°C	-7
Heating water operating temperature limit (WTOL)	°C	65
Power consumption, OFF state (Poff)	W	25,000
Power consumption, thermostat OFF state (PTO)	W	25
Standby power consumption (PSB)	W	25,000
Power consumption, operating state, with crankcase heating (PCK)	W	0,000
Booster heater heating output (PSUB)	kW	3,530
Type of energy supply, booster heater	<del>,</del>	electric
Power control	*	variable
Sound power level external	dB(A)	48
Sound power level internal	dB(A)	54
Flow rate, heat source side	m³/h	2300