Required details about room heater and combi heater with heat pump to regulation (EU) no. 813/2013 & 811/2013

		WPL 17 ACS classic	WPL 17 ACS classic flex Set	WPL 17 ACS classic flex Set S	WPL 17 ACS classic compact Set	WPL 17 ACS classic compact Set S	WPL 17 ACS classic compact plus Set	WPL 17 ACS classic compact plus Set S	WPL 17 ACS classic UK flex Set S	WPL 17 ACS classic UK compact Set S	WPL 17 ACS classic UK compact plus Set S
		235922	235990	236634	235991	236635	235992	236636	238716	238627	238628
Manufacturer		STIEBEL ELTRON	STIEBEL ELTRON	STIEBEL ELTRON	STIEBEL ELTRON	STIEBEL ELTRON	STIEBEL ELTRON	STIEBEL ELTRON	STIEBEL ELTRON	STIEBEL ELTRON	STIEBEL ELTRON
Heat source		Outside air	Outside air	Outside air	Outside air	Outside air	Outside air	Outside air	Outside air	Outside air	Outside air
Low temperature heat pump		-	-	-	-	-	-	-	-	-	-
With booster heater		-	x	x	x	x	x	x	x	x	x
Combi boiler with heat pump		-	-	-	x	x	x	x	-	-	-
Rated heating output in colder climates for average temperature applications (Prated)	kW	11	11	11	11	11	11	11	11	11	11
Rated heating output in moderate climates for average temperature applications (Prated)	kW	8	8	8	8	8	8	8	8	8	8
Rated heating output in warmer climates for average temperature applications (Prated)	kW	7	7	7	7	7	7	7	7	7	7
Tj = -7 °C heating output, partial load range in colder climates (Pdh)	kW	6,6	6,6	6,6	6,6	6,6	6,6	6,6	6,6	6,6	6,6
Tj = -7 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	5,1	5,1	5,1	5,1	5,1	5,1	5,1	5,1	5,1	5,1
Tj = 2 °C heating output, partial load range in colder climates (Pdh)	kW	4	4	4	4	4	4	4	4	4	4
Tj = 2 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	4,1	4,1	4,1	4,1	4,1	4,1	4,1	4,1	4,1	4,1
Tj = 2 °C heating output, partial load range in warmer climates (Pdh)	kW	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7
Tj = 7 °C heating output, partial load range in colder climates (Pdh)	kW	2,7	2,7	2,7	2,7	2,7	2,7	2,7	2,7	2,7	2,7
Tj = 7 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	2,6	2,6	2,6	2,6	2,6	2,6	2,6	2,6	2,6	2,6
Tj = 7 °C heating output, partial load range in warmer climates (Pdh)	kW	5,1	5,1	5,1	5,1	5,1	5,1	5,1	5,1	5,1	5,1
Tj = 12 °C heating output, partial load range in colder climates (Pdh)	kW	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4	3,4
Tj = 12 °C heating output, partial load range under moderate climatic conditions (Pdh)	kW	3,3	3,3	3,3	3,3	3,3	3,3	3,3	3,3	3,3	3,3
Tj = 12 °C heating output, partial load range in warmer climates (Pdh)	kW	3,3	3,3	3,3	3,3	3,3	3,3	3,3	3,3	3,3	3,3
Tj = dual mode temperature in colder climates (Pdh)	kW	6,6	6,6	6,6	6,6	6,6	6,6	6,6	6,6	6,6	6,6
Tj = dual mode temperature under moderate climatic conditions (Pdh)	kW	6,1	6,1	6,1	6,1	6,1	6,1	6,1	6,1	6,1	6,1
Tj = dual mode temperature in warmer climates (Pdh)	kW	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7
Tj = operating temperature limit in colder climates (Pdh)	kW	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8
Tj = operating temperature limit under moderate climatic conditions (Pdh)	kW	5,1	5,1	5,1	5,1	5,1	5,1	5,1	5,1	5,1	5,1
Tj = operating temperature limit in warmer climates (Pdh)	kW	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7	6,7
For air/water heat pumps:Tj = -15 °C (if TOL< -20 °C) (Pdh)	kW	0	0	0	0	0	0	0	0	0	0
Dual mode temperature in colder climates (Tbiv)	°C	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7
Dual mode temperature in moderate climates (Tbiv)	°C	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5
Dual mode temperature in warmer climates (Tbiv)	°C	2	2	2	2	2	2	2	2	2	2
Seasonal room heating efficiency in colder climates for average temperature applications (Π)s)	%	103	103	103	103	103	103	103	103	103	103
Seasonal room heating efficiency in moderate climates for average temperature applications (Π)s)	%	125	125	125	125	125	125	125	125	125	125
Seasonal room heating efficiency in warmer climates for average temperature applications (Π)s)	%	159	159	159	159	159	159	159	159	159	159
Tj = -7 °C COP, partial load range in colder climates (COPd)		2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4
Tj = -7 °C COP, partial load range under moderate climatic conditions (COPd)		2	2	2	2	2	2	2	2	2	2
Tj = 2 °C COP, partial load range in colder climates (COPd)		3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6
Tj = 2 °C COP, partial load range under moderate climatic conditions (COPd)		3,3	3,3	3,3	3,3	3,3	3,3	3,3	3,3	3,3	3,3
Tj = 2 °C COP, partial load range in warmer climates (COPd)		2,2	2,2	2,2	2,2	2,2	2,2	2,2	2,2	2,2	2,2
Tj = 7 °C COP, partial load range in colder climates (COPd)		5	5	5	5	5	5	5	5	5	5
Tj = 7 °C COP, partial load range under moderate climatic conditions (COPd)		4,6	4,6	4,6	4,6	4,6	4,6	4,6	4,6	4,6	4,6
Tj = 7 °C COP, partial load range in warmer climates (COPd)		3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5	3,5
Tj = 12 °C COP, partial load range in colder climates (COPd)		6,2	6,2	6,2	6,2	6,2	6,2	6,2	6,2	6,2	6,2
Tj = 12 °C COP, partial load range under moderate climatic conditions (COPd)		6	6	6	6	6	6	6	6	6	6
Tj = 12 °C COP, partial load range in warmer climates (COPd)		5,7	5,7	5,7	5,7	5,7	5,7	5,7	5,7	5,7	5,7
Tj = dual mode temperature in colder climates (COPd)		2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4	2,4
Tj = dual mode temperature under moderate climatic conditions (COPd)		2,3	2,3	2,3	2,3	2,3	2,3	2,3	2,3	2,3	2,3
Tj = dual mode temperature in warmer climates (COPd)		2,2	2,2	2,2	2,2	2,2	2,2	2,2	2,2	2,2	2,2

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Tj = operating temperature limit in colder climates (COPd)		1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Tj = operating temperature limit under moderate climatic conditions (COPd)		2	2	2	2	2	2	2	2	2	2
Tj = operating temperature limit in warmer climates (COPd)		2,2	2,2	2,2	2,2	2,2	2,2	2,2	2,2	2,2	2,2
For air/water heat pumps:Tj= -15°C (if TOL< -20 °C) (COPd)		0	0	0	0	0	0	0	0	0	0
Operating temperature limit in colder climates (TOL)	°C	-15	-15	-15	-15	-15	-15	-15	-15	-15	-15
Operating temperature limit in moderate climates (TOL)	°C	-7	-7	-7	-7	-7	-7	-7	-7	-7	-7
Operating temperature limit in warmer climates (TOL)	°C	2	2	2	2	2	2	2	2	2	2
Heating water operating temperature limit in colder climates (WTOL)	°C	60	60	60	60	60	60	60	60	60	60
Heating water operating temperature limit (WTOL)	°C	60	60	60	60	60	60	60	60	60	60
Heating water operating temperature limit in warmer climates (WTOL)	°C	60	60	60	60	60	60	60	60	60	60
Power consumption, OFF state (P_{off})	W	17	17	17	17	17	17	17	17	17	17
Power consumption, thermostat OFF state (P_{TO})	W	30	30	30	30	30	30	30	30	30	30
Standby power consumption (P_{SB})	W	17	17	17	17	17	17	17	17	17	17
Power consumption, operating state, with crankcase heating (P_{CK})	W	5	5	5	5	5	5	5	5	5	5
Booster heater heating output in colder climates (P_{sup})	kW	11	11	11	11	11	11	11	11	11	11
Booster heater heating output (P_{SUB})	kW	8	8	8	8	8	8	8	8	8	8
Booster heater heating output in warmer climates (P_{sup})	kW	0	0	0	0	0	0	0	0	0	0
Type of energy supply, booster heater		electric	electric	electric	electric	electric	electric	electric	electric	electric	electric
Power control		variable	variable	variable	variable	variable	variable	variable	variable	variable	variable
Sound power level external	dB(A)	57	57	57	57	57	57	57	57	57	57
Annual energy consumption in colder climates for average temperature applications (QHE)	kWh/a	10193	10193	10193	10193	10193	10193	10193	10193	10193	10193
Annual energy consumption in moderate climates for average temperature applications (QHE)	kWh/a	4865	4865	4865	4865	4865	4865	4865	4865	4865	4865
Annual energy consumption in warmer climates for average temperature applications (QHE)	kWh/a	2216	2216	2216	2216	2216	2216	2216	2216	2216	2216
Flow rate, heat source side	m³/h	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200
Load profile					L	L	L	L		L	L
Annual power consumption in colder climates (AEC)	kWh/a				1689	1689	1709	1709		1689	
Annual power consumption in moderate climates (AEC)	kWh/a				1526	1526	1532	1532		1526	
Annual power consumption in warmer climates (AEC)	kWh/a				1181	1181	1200	1200		1181	
Energy efficiency for DHW heating (η_{wh}) under moderate climatic conditions	%				111	111	110	110		111	
Special measures		For all special measures to be taken during assembly, installation or maintenance of the room heater, see the installation instructions	For all special measures to be taken during assembly, installation or maintenance of the room heater, see the installation instructions	For all special measures to be taken during assembly, installation or maintenance of the room heater, see the installation instructions	For all special measures to be taken during assembly, installation or maintenance of the room heater, see the installation instructions	For all special measures to be taken during assembly, installation or maintenance of the room heater, see the installation instructions	For all special measures to be taken during assembly, installation or maintenance of the room heater, see the installation instructions	For all special measures to be taken during assembly, installation or maintenance of the room heater, see the installation instructions	For all special measures to be taken during assembly, installation or maintenance of the room heater, see the installation instructions	For all special measures to be taken during assembly, installation or maintenance of the room heater, see the installation instructions	For all special measures to be taken during assembly, installation or maintenance of the room heater, see the installation instructions

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