Data has to be declared for all Models inside a sub-type.

Certificate data	
Certificate holder name	Stiebel Eltron GmbH & Co. KG
Address	Dr.-Stiebel-Straße 33, 37603 Holzminden Germany
Type of heat pump	Brine/Water
Reg. No.	011-1W0009
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH
Name of testing laboratory	VDE Prüf- und Zertifizierungsinstitut

1. Air/Water; Brine/Water; Water/Water heat pumps (if applicable)

	WPF 05	WPF 05 cool	WPC 05	WPC 05 cool
General data				
Refrigerant	R410 A	R410 A	R410 A	R410 A
Mass of refrigerant [kg]	1,4	1,4	1,4	1,4
GWP according to EU Nr. 517/2014 [CO_{2eq} in t]	2,923	2,923	2,923	2,923
Frequency [Hz]	50	50	50	50
Voltage [V]	400	400	400	400
Test points EN 14511-2 Air/Water heat pump (if applicable)				
A7/W35				
heat output [kW]				
El input [kW]				
COP				
A7/W55	(if applicable)			
heat output [kW]				
El input [kW]				
COP				
Test points EN 14511-2 Brine/Water heat pump (if applicable)				
B0/W35				
heat output [kW]	5,82	5,82	5,82	5,82
El input [kW]	1,21	1,21	1,21	1,21
COP	4,8	4,8	4,8	4,8
B0/W55				
heat output [kW]	5,19	5,19	5,19	5,19
El input [kW]	1,85	1,85	1,85	1,85
COP	2,81	2,81	2,81	2,81
Test points EN 14511-2 Water/Water heat pump (if applicable)				
W10/W35				
heat output [kW]				
El input [kW]				
COP				
W10/W55				
heat output [kW]				
El input [kW]				
COP				

In case of gas driven heat pump, EN14511 shall be replaced by EN 12309:2015-03

Test points EN 14511-4				
operating Range A…/W… lower limit-lower limit (min)				
Please state if the requirement is passed or failed	passed	passed	passed	passed
operating Range A…/W… upper limit- upper limit (min)				
Please state if the requirement is passed or failed	passed	passed	passed	passed
Shutting off the heat transfer medium flow				
Please state if the requirement is passed or failed	passed	passed	passed	passed
Complete power supply failure				
Please state if the requirement is passed or failed	passed	passed	passed	passed
Defrost test only for AirT Water heat pumps (if applicable)				
Please state if the requirement is passed or failed	n.a	n.a	n.a	n.a

Average Climate Low temperature application (if applicable)				
Declared values EN 14825				
T_{biv} [°C]	T_{biv} at low temperature conditions			
heat output [kW]	5,8	5,8	5,8	5,8
El input [kW]	1,2	1,2	1,2	1,2
COP	4,81	4,81	4,81	4,81
Sound power level according EN 12102				
Sound power level indoor if relevant) [dB(A)]	(see 55°C application)	(see 55°C application)	(see 55°C application)	(see 55°C application)
Sound power level outdoor [dB(A)]	-	-	-	-
Declared data regarding ErP regulation				
η_s	205 %	205 %	205 %	205 %
P_{rated} [kW]	6	6	6	6
SCOP	5,32	5,32	5,32	5,32
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature *Tj*				
Pdh: *Tj* = - 7 °C [kW]	5,8	5,8	5,8	5,8
COPd: Tj = - 7 °C	4,87	4,87	4,87	4,87
Pdh: *Tj* = +2 °C [kW]	5,9	5,9	5,9	5,9
COPd: Tj = + 2 °C	5,24	5,24	5,24	5,24
Pdh: *Tj* = +7 °C [kW]	6,0	6,0	6,0	6,0
COPd: Tj = + 7 °C	5,61	5,61	5,61	5,61
Pdh: *Tj* = +12 °C [kW]	6,0	6,0	6,0	6,0
COPd: Tj = + 12 °C	6,03	6,03	6,03	6,03
Pdh: *Tj* = bivalent temperature [kW]	5,8	5,8	5,8	5,8
COPd: *Tj* = bivalent temperature	4,81	4,81	4,81	4,81
Pdh: *Tj* = - 15 °C (if *TOL* < - 20 °C) [kW]	5,8	5,8	5,8	5,8
COPd: *Tj* = - 15 °C (if *TOL* < - 20 °C)	4,81	4,81	4,81	4,81
T_{biv} [°C]	-10	-10	-10	-10
TOL [°C]	-10	-10	-10	-10
WTOL [°C]	65	65	65	65
Annual energy consumption Q_{HE} [kWh]	2262	2262	2262	2262
Power input „compressor off“ [kW]	0	0	0	0
P_{OFF} [W]	0	0	0	0
P_{TO} [W]	54	54	54	54
P_{SB} [W]	9	9	9	9
P_{CK} [W]	0	0	0	0
P_{SUP} [kW]	0,00	0,00	0,00	0,00
Type of energy input (e.g. electricity)	electricity	electricity	electricity	electricity

Average Climate Medium temperature application (if applicable)				
Declared values EN 14825				
T_{biv} [°C]				
heat output [kW]	5,2	5,2	5,2	5,2
El input [kW]	1,85	1,85	1,85	1,85
COP	2,81	2,81	2,81	2,81
Sound power level according EN 12102				
Sound power level indoor if relevant) [dB(A)]	43	43	43	43
Sound power level outdoor [dB(A)]	-	-	-	-
Declared data regarding ErP regulation				
η_s	134 %	134 %	134 %	134 %
P_{rated} [kW]	5	5	5	5
SCOP	3,55	3,55	3,55	3,55
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature *Tj*				
Pdh: *Tj* = - 7 °C [kW]	5,3	5,3	5,3	5,3
COPd: Tj = - 7 °C	2,94	2,94	2,94	2,94
Pdh: *Tj* = +2 °C [kW]	5,5	5,5	5,5	5,5
COPd: Tj = + 2 °C	3,49	3,49	3,49	3,49
Pdh: *Tj* = +7 °C [kW]	5,6	5,6	5,6	5,6
COPd: Tj = + 7 °C	3,92	3,92	3,92	3,92
Pdh: *Tj* = +12 °C [kW]	5,7	5,7	5,7	5,7
COPd: Tj = + 12 °C	4,44	4,44	4,44	4,44
Pdh: *Tj* = bivalent temperature [kW]	5,2	5,2	5,2	5,2
COPd: *Tj* = bivalent temperature	2,81	2,81	2,81	2,81
Pdh: *Tj* = - 15 °C (if *TOL* < - 20 °C) [kW]	5,2	5,2	5,2	5,2
COPd: Tj = - 15 °C (if *TOL* < - 20 °C)	2,81	2,81	2,81	2,81
T_{biv} [°C]	-10	-10	-10	-10
TOL [°C]	-10	-10	-10	-10
WTOL [°C]	65	65	65	65
Annual energy consumption Q_{HE} [kWh]	3017	3017	3017	3017
Power input „compressor off“ [kW] (if applicable)	0	0	0	0
P_{OFF} [W]	0	0	0	0
P_{TO} [W]	54	54	54	54
P_{SB} [W]	9	9	9	9
P_{CK} [W]	0	0	0	0
P_{SUP} [W]	0,00	0,00	0,00	0,00
Type of energy input (e.g. electricity)	electricity	electricity	electricity	electricity

Warmer Climate (if applicable)				
Declared values EN 14825 – 35°C application				
T_{biv} [°C]				
heat output [kW]	5,8	5,8	5,8	5,8
El input [kW]	1,2	1,2	1,2	1,2
COP	4,81	4,81	4,81	4,81
Sound power level according EN 12102				
Sound power level indoor if relevant) [dB(A)]	(see 55°C application)	(see 55°C application)	(see 55°C application)	(see 55°C application)
Sound power level outdoor [dB(A)]	-	-	-	-
Declared data regarding ErP regulation				
η_s	203	203	203	203
P_{rated} [kW]	6	6	6	6
SCOP	5,28	5,28	5,28	5,28
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature *Tj*				
Pdh*Tj* = - 7 °C [kW]	5,8	5,8	5,8	5,8
COPd Tj = - 7 °C	4,81	4,81	4,81	4,81
Pdh*Tj* = +2 °C [kW]	5,8	5,8	5,8	5,8
COPd Tj = + 2 °C	4,81	4,81	4,81	4,81
Pdh *Tj* = +7 °C [kW]	5,9	5,9	5,9	5,9
COPd Tj = + 7 °C	5,16	5,16	5,16	5,16
Pdh *Tj* = +12 °C [kW]	6,0	6,0	6,0	6,0
COPd Tj = + 12 °C	5,75	5,75	5,75	5,75
Pdh *Tj* = bivalent temperature [kW]	5,8	5,8	5,8	5,8
COPd Tj = bivalent temperature	4,81	4,81	4,81	4,81
Pdh *Tj* = - 15 °C (if *TOL* < - 20 °C) [kW]	5,8	5,8	5,8	5,8
COPd *Tj* = - 15 °C (if *TOL* < - 20 °C)	4,81	4,81	4,81	4,81
T_{biv} [°C]	2	2	2	2
TOL [°C]	0	0	0	0
WTOL [°C]	65	65	65	65
Annual energy consumption Q_{HE} [kWh]	1473	1473	1473	1473
Power input „compressor off“ [kW] (if applicable)	0	0	0	0
P_{OFF} [W]	0	0	0	0
P_{TO} [W]	54	54	54	54
P_{SB} [W]	9	9	9	9
P_{CK} [W]	0	0	0	0
P_{SUP} [W]	0,00	0,00	0,00	0,00
Type of energy input (e.g. electricity)	electricity	electricity	electricity	electricity

Colder Climate (if applicable)				
Declared values EN 14825 – 35°C application				
T_{biv}/°C				
heat output [kW]	5,9	5,9	5,9	5,9
El input[kW]	1,11	1,11	1,11	1,11
COP	5,31	5,31	5,31	5,31
Sound power level according EN12102				
Sound power level indoor if relevant) [dB(A)]	(see 55°C application)	(see 55°C application)	(see 55°C application)	(see 55°C application)
Sound power level outdoor [dB(A)]	-	-	-	-
Declared date regarding ErP regulation				
η_s	212	212	212	212
P_{rated} [kW]	7	7	7	7
SCOP	5,49	5,49	5,49	5,49
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature *Tj*				
Pdh: *Tj* = - 7 °C [kW]	5,9	5,9	5,9	5,9
COPd: Tj = - 7 °C	5,43	5,43	5,43	5,43
Pdh: *Tj* = +2 °C [kW]	6,0	6,0	6,0	6,0
COPd: Tj = + 2 °C	5,72	5,72	5,72	5,72
Pdh: *Tj* = +7 °C [kW]	6,0	6,0	6,0	6,0
COPd: Tj = + 7 °C	5,97	5,97	5,97	5,97
Pdh: *Tj* = +12 °C [kW]	6,0	6,0	6,0	6,0
COPd: Tj = + 12 °C	6,01	6,01	6,01	6,01
Pdh: Tj = bivalent temperature [kW]	5,9	5,9	5,9	5,9
COPd: *Tj* = bivalent temperature	5,31	5,31	5,31	5,31
Pdh: *Tj* = - 15 °C (if *TOL* < - 20 °C) [kW]	5,9	5,9	5,9	5,9
COPd: *Tj* = - 15 °C (if *TOL* < - 20 °C)	5,31	5,31	5,31	5,31
T_{biv} [°C]	-15	-15	-15	-15
TOL [°C]	-22	-22	-22	-22
WTOL [°C]	65	65	65	65
Annual energy consumption Q_{HE} [kWh]	3254	3254	3254	3254
Power input „compressor off“ [kW] (if applicable)	0	0	0	0
P_{OFF} [W]	0	0	0	0
P_{TO} [W]	54	54	54	54
P_{SB} [W]	9	9	9	9
P_{CK} [W]	0	0	0	0
P_{SUP} [W]	1,43	1,43	1,43	1,43
Type of energy input (e.g. electricity)	electricity	electricity	electricity	electricity