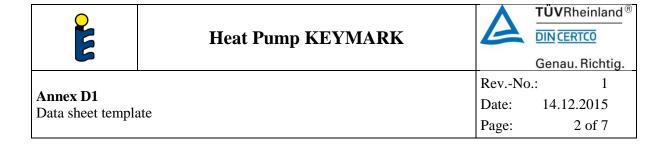


Data has to be declared for all Models inside a sub-type.

1. AIR/WATER; BRINE/WATER; WATER/WATER HEAT PUMPS (IF APPLICABLE)

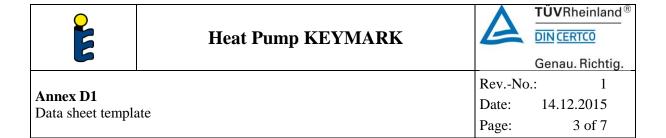
Certificate data	
Certificate holder name	Stiebel Eltron GmbH & Co. KG
	DrStiebel-Straße 33,
Address	37603 Holzminden
	Germany
Type of heat pump	Air/Water
Reg. No.	011-1W0013
Cortification Rady	DIN CERTCO
Certification Body	Gesellschaft für Konformitätsbewertung mbH
Name of testing laboratory	VDE Prüf- und Zertifizierungsinstitut

2



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

(ii applicable)			
	WPL 13 E		
General data			
Refrigerant	R407 C		
Mass of refrigerant [kg]	3,2		
GWPaccording to EU Nr. 517/2014 [CO _{2eq} in t]	5,676		
Frequency [Hz]	50		
Voltage [V]	400		
Test points EN 14511-2 Air/Water hea	at pump (if applic	able)	
A7/W35			
heat output [kW]	8,93		
El input [kW]	2,05		
COP	4,35		
A7/W55	(if applicable)		
heat output [kW]	8,11		
El input [kW]	2,83		
COP	2,86		
Test points EN 14511-2 Brine/Water	heat pump (if ap	plicable)	
B0/W35			
heat output [kW]			
El input [kW]			
COP			
B0/W55			
heat output [kW]			
El input [kW]			
COP			
Test points EN 14511-2 Water/Water	heat pump (if a	pplicable)	
W10/W35			
heat output [kW]			
El input [kW]			
COP			
W10/W55			
heat output [kW]			
El input [kW]			
COP			



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



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Annex D1
Data sheet template

Rev.-No.: 1
Date: 14.12.2015
Page: 4 of 7

Average Climate Low temperature application (if applicable)			
Declared values EN 14825			
T _{biv} [°C]	T _{biv} at low temperature conditions		
heat output [kW]	7, I		
El input [kW]	2,04		
COP	3,48		
Sound power level according EN 12102	,		
Sound power level indoor if relevant)	(see 55°C		
[dB(A)]	application)		
	,		
Sound power level outdoor [dB(A)]	(see 55°C		
	application)		
Declared data regarding ErP regulation	,		
η_s	151		
P _{rated} [kW]	9		
SCOP	3,86		
Declared capacity for heating for part load at in		20 °C and outdoor	temperature <i>Tj</i>
Pdh: $T_i = -7 ^{\circ}\text{C} \text{[kW]}$	6,8		
COPd: Tj = - 7 °C	3,28		
Pdh: $Tj = +2 ^{\circ}C [kW]$	8,2		
COPd: Ti = + 2 °C	4,07		
Pdh: $T_i = +7 ^{\circ}\text{C} [\text{kW}]$	8,5		
COPd: Tj = + 7 °C	4,73		
Pdh: $Tj = +12 ^{\circ}C [kW]$	8,4		
COPd: Tj = + 12 °C	5,29		
Pdh: Tj = bivalent temperature [kW]	7,1		
COPd: Tj = bivalent temperature	3,48		
Pdh: $T_j = -15 ^{\circ}\text{C}$ (if $TOL < -20 ^{\circ}\text{C}$) [kW]	5,6		
COPd: Tj = - 15 °C (if TOL < - 20 °C)	2,6		
T _{biv} [°C]	-5		
TOL [°C]	-20		
WTOL [°C]	60		
Annual energy consumption Q _{HE} [kWh]	4689		
Power input "compressor off" [kW]	0		
P _{OFF} [W]	7		
P _{TO} [W]	7		
P _{SB} [W]	7		
P _{CK} [W]	62		
P _{SUP} [kW]	2,46		
Type of energy input (e.g. electricity)	electricity		



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Annex D1

Data sheet template

Rev.-No.: 1
Date: 14.12.2015
Page: 5 of 7

Average Climate Medium temperature	application (if	applicable)	
Declared values EN 14825	`		
T _{biv} [°C]			
heat output [kW]	7,1		
El input [kW]	2,82		
COP	2,52		
Sound power level according EN 12102			
Sound power level indoor if relevant)	56		
[dB(A)]			
Sound power level outdoor [dB(A)]	64		
Declared data regarding ErP regulation	1	1	
η _s	115 %		
P _{rated} [kW]	9		
SCOP	2,96		
Declared capacity for heating for part load at		re 20 °C and outdoor	r temperature Tj
Pdh: $Tj = -7$ °C [kW]	6,9		
COPd: Tj = - 7 °C	2,37		
Pdh: $T_j = +2 ^{\circ}\text{C} [kW]$	8,1		
COPd: $T_j = +2 ^{\circ}C$	3,02		
Pdh: $T_j = +7 ^{\circ}\text{C} [kW]$	8,4		
COPd: $T_j = +7$ °C	3,65		
Pdh: $Tj = +12 ^{\circ}\text{C} [kW]$	8,3		
COPd: Tj = + 12 °C	4,28		
Pdh: <i>Tj</i> = bivalent temperature [kW]	7,1		
COPd: Tj = bivalent temperature	2,52		
Pdh: $T_j = -15 ^{\circ}\text{C} (\text{if } TOL < -20 ^{\circ}\text{C}) [\text{kW}]$	6,2		
COPd: Tj = - 15 °C (if TOL < - 20 °C)	1,92		
T _{biv} [°C]	-5		
TOL [°C]	-20		
WTOL [°C]	60		
Annual energy consumption Q _{HE} [kWh]	6165		
Power input "compressor off" [kW] (if	0		
applicable)			
Poff [W]	7		
P _{TO} [W]	7		
P _{SB} [W]	7		
P _{CK} [W]	62		
P _{SUP} [kW]	2,24		
Type of energy input (e.g. electricity)	electricity		



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Genau. Richtig.

Annex D1

Data sheet template

Rev.-No.: 1
Date: 14.12.2015
Page: 6 of 7

Warmer Climate (if applicable)			
Declared values EN 14825 – 35°C application			
T _{biv} [°C]			
heat output [kW]	8,2		
El input [kW]	2,17		
COP	3,78		
Sound power level according EN 12102	,		
Sound power level indoor if relevant)	(see 55°C		
[dB(A)]	application)		
Sound power level outdoor [dB(A)]	(see 55°C		
[()]	application)		
Declared data regarding ErP regulatio			L
ης	160		
P _{rated} [kW]	8		
SCOP	4,07		
Declared capacity for heating for part load a		re 20 °C and outd	oor temperature <i>Ti</i>
PdhTj = - 7 °C [kW]	6,8		
COPd Tj = - 7 °C	3,21		
Pdh <i>Tj</i> = +2 °C [kW]	8,2		
COPd Tj = + 2 °C	3,78		
Pdh <i>Tj</i> = +7 °C [kW]	8,5		
COPd Tj = + 7 °C	4,41		
Pdh $Tj = +12 ^{\circ}C [kW]$	8,4		
COPd Tj = + 12 °C	5,09		
Pdh T_j = bivalent temperature [kW]	8,2		
COPd Tj = bivalent temperature	3,78		
Pdh $T_j = -15$ °C (if $TOL < -20$ °C)	5,5		
[kW]			
COPd Tj = - 15 °C (if TOL < - 20 °C)	2,68		
T _{biv} [°C]	2		
TOL [°C]			
WTOL [°C]	60		
Annual energy consumption QHE [kWh]	2681		
Power input "compressor off" [kW] (if	0		
applicable)			
P _{OFF} [W]	7		
P _{TO} [W]	7		
P _{SB} [W]	7		
P _{CK} [W]	62		
P _{SUP} [kW]	0		
Type of energy input (e.g. electricity)	electricity		



TÜVRheinland®

Genau. Richtig.

7 of 7

Annex D1

Data sheet template

Rev.-No.: 1 Date: 14.12.2015

Page:

Colder Climate (if applicable) Declared values EN 14825 - 35°C application T_{biv}/°C heat output [kW] 6,2 El input[kW] 1,89 3,28 COP Sound power level according EN12102 Sound power level indoor if relevant) 55°C (see [dB(A)]application) 55°C Sound power level outdoor [dB(A)] (see application) **Declared date regarding ErP regulation** 140 P_{rated} [kW] 9 SCOP 3,56 Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Ti Pdh: $T_j = -7$ °C [kW] 6,7 COPd: Ti = - 7 °C 3,53 Pdh: $T_i = +2 \,^{\circ}\text{C} \, [\text{kW}]$ 8,2 COPd: Tj = + 2 °C 4,32 Pdh: Tj = +7 °C [kW] 8,5 COPd: $T_i = +7$ °C 4,92 Pdh: $T_i = +12 \,^{\circ}\text{C} \, [kW]$ 8,4 COPd: Tj = + 12 °C 5,26 Pdh: Tj = bivalent temperature [kW] 6,2 COPd: Tj = bivalent temperature 3,28 Pdh: $T_i = -15 \,^{\circ}\text{C} \, (\text{if } TOL < -20 \,^{\circ}\text{C}) \, [kW]$ 5,5 COPd: $T_i = -15$ °C (if TOL < -20 °C) 2,79 T_{biv} [°C] -10 TOL [°C] -20 WTOL [°C] 60 Annual energy consumption QHE [kWh] 6312 Power input "compressor off" [kW] (if 0 applicable) Poff [W] P_{TO} [W] 7 P_{SB} [W] 7 62 P_{CK} [W] P_{SUP} [kW] 9,13 Type of energy input (e.g. electricity) electricity