



**Annex D1**

Data sheet template

**CONTENTS**

- 1 Air/Water heat pumps
- 2 Heat pumps for Domestic Hot Water (DHW)

<b>Certificate data</b>	
Certificate holder name	Daikin Europe N.V.
Address	Zandvoordestraat 300. 8400 Oostende Belgium
Type of heat pump	Air/Water
Reg. No.	011-1W0087
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH
Name of testing laboratory	CETIAT



## Annex D1

Data sheet template

## Air/water heat pumps

	EHS04P30B / ERLQ004C*V3	EHSB04P30B / ERLQ004C*V3
	HPSU Compact 304 H / RRLQ004C*V3	HPSU Compact 304 H Biv / RRLQ004C*V3
<b>General data</b>		
Refrigerant	R-410A	R-410A
Mass of refrigerant [kg]	1.5	1.5
GWP according to EU Nr. 517/2014 [CO2eq]	2,087.5	2,087.5
Frequency [Hz]	50	50
Voltage [V]	230	230
<b>Test points EN 14511-2 Air/Water heat pump</b>		
A7/W35		
heat output [kW]	4.53	4.53
El input [kW]	0.87	0.87
COP	5.23	5.23
A7/W55		
heat output [kW]	3.69	3.69
El input [kW]	1.27	1.27
COP	2.90	2.90

<b>Test points EN 14511-4</b>		
operating Range A/W... lower limit-lower limit (min)		
Please state if the requirement is passed or failed	Passed	Passed
operating Range A/W... upper limit- upper limit (min)		
Please state if the requirement is passed or failed	Passed	Passed
Shutting off the heat transfer medium flow		
Please state if the requirement is passed or failed	Passed	Passed
Complete power supply failure		
Please state if the requirement is passed or failed	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

<b>Average Climate Medium temperature application</b>		
<b>Declared values EN 14825</b>		
<b>Tbiv [°C]</b>		
heat output [kW]	4.2	4.2
El input [kW]	2.07	2.07
COP	2.03	2.03
<b>Sound power level according EN 12102</b>		
Sound power level indoor if relevant [dB(A)]	39	39
Sound power level outdoor [dB(A)]	61	61
<b>Declared data regarding ErP regulation</b>		
$\eta_s$	130	130
Prated [kW]	5	5
SCOP	3.38	3.38
<b>Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj</b>		
Pdh: Tj = - 7 °C [kW]	4.2	4.2
COPd: Tj = - 7 °C	2.03	2.03
Pdh: Tj = +2 °C [kW]	2.6	2.6
COPd: Tj = + 2 °C	3.31	3.31
Pdh: Tj = +7 °C [kW]	1.8	1.8
COPd: Tj = + 7 °C	4.43	4.43
Pdh: Tj = +12 °C [kW]	2.2	2.2
COPd: Tj = + 12 °C	6.55	6.55
Pdh: Tj = bivalent temperature [kW]	4.2	4.2
COPd: Tj = bivalent temperature [kW]	2.03	2.03
Pdh: Tj = - 15 °C (if TOL < - 20 °C) [kW]	n/a	n/a
COPd: Tj = - 15 °C (if TOL < - 20 °C)	n/a	n/a
Tbiv [°C]	-7	-7
TOL [°C]	-10	-10
WTOL [°C]	55	55
Annual energy consumption QHE [kWh]	2,934	2,934
Power input „compressor off“ [kW] (if applicable)	n/a	n/a
P <sub>OFF</sub> [W]	11	11
P <sub>TO</sub> [W]	43	43
P <sub>SB</sub> [W]	11	11
P <sub>CK</sub> [W]	0.0	0.0
P <sub>SUP</sub> [W]	0.7	0.7
Type of energy input (e.g. electricity)	Electrical	Electrical

## Heat pumps for Domestic Hot Water (DHW)

	EHS04P30B / ERLQ004C*V3	EHSB04P30B / ERLQ004C*V3
	HPSU Compact 304 H / RRLQ004C*V3	HPSU Compact 304 H Biv / RRLQ004C*V3
<b>General data</b>		
Refrigerant	R-410A	R-410A
Mass of refrigerant [kg]	1.5	1.5
GWP	2,087.5	2,087.5
Frequency [Hz]	50	50
Voltage [V]	230	230
Off-peak product (yes/no)	Yes	Yes
<b>Technical data – average climate</b>		
Declared load profil	L	L
Efficiency $\eta_{dhw}$ in %	103	103
Heating up time h:min	01:40	01:40
Standby power input W	40.22	40.22
Reference hot water temperature °C	45.6	45.6
Mixed water at 40°C	155	155
Sound power level indoor if relevant [dB(A)]	39	39
Sound power level outdoor [dB(A)]	61	61