



**Annex D1**

Data sheet template

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- 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.	011-1W0083
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH
Name of testing laboratory	CETIAT



## Annex D1

## Data sheet template

## Air/water heat pumps

	EBHQ016BB6V3	EBLQ016BB6V3	EDHQ016BB6V3	EDLQ016BB6V3
<b>General data</b>				
Refrigerant	R-410A	R-410A	R-410A	R-410A
Mass of refrigerant [kg]	3.0	3.0	3.0	3.0
GWP according to EU Nr. 517/2014 [CO2eq]	2,087.5	2,087.5	2,087.5	2,087.5
Frequency [Hz]	50	50	50	50
Voltage [V]	230	230	230	230
<b>Test points EN 14511-2 Air/Water heat pump</b>				
A7/W35				
heat output [kW]	16.0	16.0	16.0	16.0
El input [kW]	3.88	3.88	3.88	3.88
COP	4.12	4.12	4.12	4.12
A7/W55				
heat output [kW]	13.4	13.4	13.4	13.4
El input [kW]	5.49	5.49	5.49	5.49
COP	2.44	2.44	2.44	2.44

<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	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

<b>Average Climate Low temperature application</b>				
<b>Declared values EN 14825</b>				
<b>Tbiv [°C]</b>	<b>Tbiv at low temperature conditions</b>			
heat output [kW]	10.2	10.2	10.2	10.2
El input [kW]	3.28	3.28	3.28	3.28
COP	3.11	3.11	3.11	3.11
<b>Sound power level according EN 12102</b>				
Sound power level indoor if relevant) [dB(A)]	n/a	n/a	n/a	n/a
Sound power level outdoor [dB(A)]	66.0	66.0	66.0	66.0
<b>Declared data regarding ErP regulation</b>				
ηs	123	123	123	123
Prated [kW]	16.0	16.0	16.0	16.0
SCOP	3.15	3.15	3.15	3.15
<b>Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj</b>				
Pdh: Tj = - 7 °C [kW]	8.98	8.98	8.98	8.98
COPd: Tj = - 7 °C	2.24	2.24	2.24	2.24
Pdh: Tj = +2 °C [kW]	8.62	8.62	8.62	8.62
COPd: Tj = + 2 °C	3.60	3.60	3.60	3.60
Pdh: Tj = +7 °C [kW]	5.54	5.54	5.54	5.54
COPd: Tj = + 7 °C	4.60	4.60	4.60	4.60
Pdh: Tj = +12 °C [kW]	4.80	4.80	4.80	4.80
COPd: Tj = + 12 °C	4.27	4.27	4.27	4.27
Pdh: Tj = bivalent temperature [kW]	10.2	10.2	10.2	10.2
COPd: Tj = bivalent temperature [kW]	3.11	3.11	3.11	3.11
Pdh: Tj = - 15 °C (if TOL < - 20 °C) [kW]	n/a	n/a	n/a	n/a
COPd: Tj = - 15 °C (if TOL < - 20 °C)	n/a	n/a	n/a	n/a
Tbiv [°C]	-1.00	-1.00	-1.00	-1.00
TOL [°C]	-10.0	-10.0	-10.0	-10.0
WTOL [°C]	35.0	35.0	35.0	35.0
Annual energy consumption QHE [kWh]	10,300	10,300	10,300	10,300
Power input „compressor off“ [kW]	n/a	n/a	n/a	n/a
P <sub>OFF</sub> [W]	82	82	82	82
P <sub>TO</sub> [W]	5.0	5.0	5.0	5.0
P <sub>SB</sub> [W]	53	53	53	53
P <sub>CK</sub> [W]	53	53	53	53
P <sub>SUP</sub> [W]	7,430	7,430	7,430	7,430
Type of energy input (e.g. electricity)	Electrical	Electrical	Electrical	Electrical

<b>Average Climate Medium temperature application</b>				
<b>Declared values EN 14825</b>				
<b>Tbiv [°C]</b>	<b>Tbiv at medium temperature conditions</b>			
heat output [kW]	8.80	8.80	8.80	8.80
El input [kW]	3.88	3.88	3.88	3.88
COP	2.27	2.27	2.27	2.27
<b>Sound power level according EN 12102</b>				
Sound power level indoor if relevant) [dB(A)]	n/a	n/a	n/a	n/a
Sound power level outdoor [dB(A)]	66.0	66.0	66.0	66.0
<b>Declared data regarding ErP regulation</b>				
ηs	101	101	101	101
Prated [kW]	13.9	13.9	13.9	13.9
SCOP	2.60	2.60	2.60	2.60
<b>Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj</b>				
Pdh: Tj = - 7 °C [kW]	5.90	5.90	5.90	5.90
COPd: Tj = - 7 °C	2.17	2.17	2.17	2.17
Pdh: Tj = +2 °C [kW]	7.50	7.50	7.50	7.50
COPd: Tj = + 2 °C	2.83	2.83	2.83	2.83
Pdh: Tj = +7 °C [kW]	4.70	4.70	4.70	4.70
COPd: Tj = + 7 °C	3.86	3.86	3.86	3.86
Pdh: Tj = +12 °C [kW]	5.30	5.30	5.30	5.30
COPd: Tj = + 12 °C	5.34	5.34	5.34	5.34
Pdh: Tj = bivalent temperature [kW]	8.80	8.80	8.80	8.80
COPd: Tj = bivalent temperature [kW]	2.27	2.27	2.27	2.27
Pdh: Tj = - 15 °C (if TOL < - 20 °C) [kW]	n/a	n/a	n/a	n/a
COPd: Tj = - 15 °C (if TOL < - 20 °C)	n/a	n/a	n/a	n/a
Tbiv [°C]	-3.00	-3.00	-3.00	-3.00
TOL [°C]	-7.00	-7.00	-7.00	-7.00
WTOL [°C]	52.0	52.0	52.0	52.0
Annual energy consumption QHE [kWh]	10,800	10,800	10,800	10,800
Power input „compressor off“ [kW] (if applicable)	n/a	n/a	n/a	n/a
P <sub>OFF</sub> [W]	82	82	82	82
P <sub>TO</sub> [W]	5.0	5.0	5.0	5.0
P <sub>SB</sub> [W]	53	53	53	53
P <sub>CK</sub> [W]	53	53	53	53
P <sub>SUP</sub> [W]	8,000	8,000	8,000	8,000
Type of energy input (e.g. electricity)	Electrical	Electrical	Electrical	Electrical