



Annex D1
Data sheet template

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- 2 Heat pumps for Domestic Hot Water (DHW)

Certificate data	
Certificate holder name	Daikin Europe N.V.
Address	Zandvoordestraat 300. 8400 Oostende Belgium
Type of heat pump	Air/Water
Reg. No.	011-1W0081
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH
Name of testing laboratory	CETIAT



Annex D1

Data sheet template

Air/water heat pumps

	EBHQ011BB6V3	EBLQ011BB6V3	EDHQ011BB6V3	EDLQ011BB6V3
General data				
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
Test points EN 14511-2 Air/Water heat pump				
A7/W35				
heat output [kW]	11.2	11.2	11.2	11.2
El input [kW]	2.56	2.56	2.56	2.56
COP	4.38	4.38	4.38	4.38
A7/W55				
heat output [kW]	9.53	9.53	9.53	9.53
El input [kW]	3.91	3.91	3.91	3.91
COP	2.44	2.44	2.44	2.44

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				
Declared values EN 14825				
Tbiv [°C]	Tbiv at low temperature conditions			
heat output [kW]	7.55	7.55	7.55	7.55
El input [kW]	2.34	2.34	2.34	2.34
COP	3.23	3.23	3.23	3.23
Sound power level according EN 12102				
Sound power level indoor if relevant) [dB(A)]	n/a	n/a	n/a	n/a
Sound power level outdoor [dB(A)]	64.0	64.0	64.0	64.0
Declared data regarding ErP regulation				
ηs	129	129	129	129
Prated [kW]	11.2	11.2	11.2	11.2
SCOP	3.30	3.30	3.30	3.30
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				
Pdh: Tj = - 7 °C [kW]	6.57	6.57	6.57	6.57
COPd: Tj = - 7 °C	2.67	2.67	2.67	2.67
Pdh: Tj = +2 °C [kW]	6.03	6.03	6.03	6.03
COPd: Tj = + 2 °C	3.82	3.82	3.82	3.82
Pdh: Tj = +7 °C [kW]	4.80	4.80	4.80	4.80
COPd: Tj = + 7 °C	4.26	4.26	4.26	4.26
Pdh: Tj = +12 °C [kW]	4.80	4.80	4.80	4.80
COPd: Tj = + 12 °C	4.25	4.25	4.25	4.25
Pdh: Tj = bivalent temperature [kW]	7.55	7.55	7.55	7.55
COPd: Tj = bivalent temperature [kW]	3.23	3.23	3.23	3.23
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]	-2.00	-2.00	-2.00	-2.00
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]	6,780	6,780	6,780	6,780
Power input „compressor off“ [kW]	n/a	n/a	n/a	n/a
P _{OFF} [W]	82	82	82	82
P _{TO} [W]	5.0	5.0	5.0	5.0
P _{SB} [W]	53	53	53	53
P _{CK} [W]	53	53	53	53
P _{SUP} [W]	5,170	5,170	5,170	5,170
Type of energy input (e.g. electricity)	Electrical	Electrical	Electrical	Electrical

Average Climate Medium temperature application				
Declared values EN 14825				
Tbiv [°C]	Tbiv at medium temperature conditions			
heat output [kW]	7.20	7.20	7.20	7.20
El input [kW]	3.12	3.12	3.12	3.12
COP	2.31	2.31	2.31	2.31
Sound power level according EN 12102				
Sound power level indoor if relevant) [dB(A)]	n/a	n/a	n/a	n/a
Sound power level outdoor [dB(A)]	64.0	64.0	64.0	64.0
Declared data regarding ErP regulation				
ηs	105	105	105	105
Prated [kW]	9.90	9.90	9.90	9.90
SCOP	2.70	2.70	2.70	2.70
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				
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]	5.20	5.20	5.20	5.20
COPd: Tj = + 2 °C	2.80	2.80	2.80	2.80
Pdh: Tj = +7 °C [kW]	4.40	4.40	4.40	4.40
COPd: Tj = + 7 °C	3.77	3.77	3.77	3.77
Pdh: Tj = +12 °C [kW]	5.30	5.30	5.30	5.30
COPd: Tj = + 12 °C	5.25	5.25	5.25	5.25
Pdh: Tj = bivalent temperature [kW]	7.20	7.20	7.20	7.20
COPd: Tj = bivalent temperature [kW]	2.31	2.31	2.31	2.31
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]	7,320	7,320	7,320	7,320
Power input „compressor off“ [kW] (if applicable)	n/a	n/a	n/a	n/a
P _{OFF} [W]	82	82	82	82
P _{TO} [W]	5.0	5.0	5.0	5.0
P _{SB} [W]	53	53	53	53
P _{CK} [W]	53	53	53	53
P _{SUP} [W]	4,000	4,000	4,000	4,000
Type of energy input (e.g. electricity)	Electrical	Electrical	Electrical	Electrical