Annex D1
Data sheet template

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Certificate data	
Certificate holder name	Daikin Europe N.V.
Address	Zandvoordestraat 300. 8400 Oostende Belgium
Type of heat pump	Air/Water
Reg. No.	011-1W0085
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH
Name of testing laboratory	CETIAT

Air/water heat pumps

	EBHQ014BB6W1	EBLQ014BB6W1	EDHQ014BB6W1	EDLQ014BB6W1
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]	14.0	14.0	14.0	14.0
El input [kW]	3.30	3.30	3.30	3.30
COP	4.24	4.24	4.24	4.24
A7/W55				
heat output [kW]	12.7	12.7	12.7	12.7
El input [kW]	5.13	5.13	5.13	5.13
COP	2,48	2,48	2,48	2,48

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]	7.69	7.69	7.69	7.69
El input [kW]	3.15	3.15	3.15	3.15
COP	2.44	2.44	2.44	2.44
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)]	65.0	65.0	65.0	65.0
Declared data regarding ErP regulation				
ηs	130	130	130	130
Prated [kW]	14.0	14.0	14.0	14.0
SCOP	3.31	3.31	3.31	3.31
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				
Pdh: Tj = - 7 ºC [kW]	8.30	8.30	8.30	8.30
COPd: Tj = - 7 ºC	2.65	2.65	2.65	2.65
Pdh: Tj = +2 ºC [kW]	7.54	7.54	7.54	7.54
COPd: Tj = + 2 ºC	3.82	3.82	3.82	3.82
Pdh: Tj = +7 ºC [kW]	4.85	4.85	4.85	4.85
COPd: Tj = + 7 ºC	4.46	4.46	4.46	4.46
Pdh: Tj = +12 ºC [kW]	4.80	4.80	4.80	4.80
COPd: Tj = + 12 ºC	4.46	4.46	4.46	4.46
Pdh: Tj = bivalent temperature [kW]	7.69	7.69	7.69	7.69
COPd: Tj = bivalent temperature [kW]	2.44	2.44	2.44	2.44
Pdh: Tj = - 15 ºC (if TOL < - 20 ºC) [kW]	n/a	n/a	n/a	n/a
COPd: Tj = - 15 ºC (if TOL < - 20 ºC)	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]	8,500	8,500	8,500	8,500
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]	6,310	6,310	6,310	6,310
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]	9.30	9.30	9.30	9.30
El input [kW]	4.06	4.06	4.06	4.06
COP	2.29	2.29	2.29	2.29
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)]	65.0	65.0	65.0	65.0
Declared data regarding ErP regulation				
ηs	110	110	110	110
Prated [kW]	12.7	12.7	12.7	12.7
SCOP	2.82	2.82	2.82	2.82
Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj				
Pdh: Tj = - 7 ºC [kW]	8.80	8.80	8.80	8.80
COPd: Tj = - 7 ºC	1.89	1.89	1.89	1.89
Pdh: Tj = +2 ºC [kW]	6.90	6.90	6.90	6.90
COPd: Tj = + 2 ºC	2.95	2.95	2.95	2.95
Pdh: Tj = +7 ºC [kW]	4.70	4.70	4.70	4.70
COPd: Tj = + 7 ºC	3.83	3.83	3.83	3.83
Pdh: Tj = +12 ºC [kW]	5.50	5.50	5.50	5.50
COPd: Tj = + 12 ºC	5.45	5.45	5.45	5.45
Pdh: Tj = bivalent temperature [kW]	9.30	9.30	9.30	9.30
COPd: Tj = bivalent temperature [kW]	2.29	2.29	2.29	2.29
Pdh: Tj = - 15 ºC (if TOL < - 20 ºC) [kW]	n/a	n/a	n/a	n/a
COPd: Tj = - 15 ºC (if TOL < - 20 ºC)	n/a	n/a	n/a	n/a
Tbiv [°C]	-3.00	-3.00	-3.00	-3.00
TOL [°C]	-8.00	-8.00	-8.00	-8.00
WTOL [°C]	53.0	53.0	53.0	53.0
Annual energy consumption QHE [kWh]	9,110	9,110	9,110	9,110
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]	4,900	4,900	4,900	4,900
Type of energy input (e.g. electricity)	Electrical	Electrical	Electrical	Electrical