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Summary of	DAIKIN ALTHERMA H HYBRID GAS 4KW	Reg. No.	011-1W0293
Certificate Holder			
Name	DAIKIN Europe N.V.		
Address	Zandvoordestraat 300	Zip	B-8400
City	Oostende	Country	Belgium
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH		
Subtype title	DAIKIN ALTHERMA H HYBRID GAS 4KW		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R32		
Mass of Refrigerant	0.56 kg		

Model: EJHA04AV3 / EHY2KOMB28A

Configure model	
Model name	EJHA04AV3 / EHY2KOMB28A
Application	Heating (medium temp)
Units	Indoor + Outdoor
Climate Zone	n/a
Reversibility	No
Cooling mode application (optional)	n/a

General Data	
Power supply	1x230V 50Hz

Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	3.83 kW	3.28 kW
El input	0.85 kW	1.29 kW
COP	4.49	2.56

EN 14511-4	
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit	passed
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed

Average Climate

EN 12102-1

	Low temperature	Medium temperature
Sound power level indoor	50 dB(A)	50 dB(A)
Sound power level outdoor	59 dB(A)	59 dB(A)

EN 14825

	Low temperature	Medium temperature
η_s	163 %	128 %
Prated	5.20 kW	5.60 kW
SCOP	4.14	3.26
Tbiv	2 °C	2 °C
TOL	-5 °C	-3 °C
Pdh Tj = -7°C	0.01 kW	0.01 kW
COP Tj = -7°C	1.00	1.00
Pdh Tj = +2°C	2.80 kW	3.00 kW
COP Tj = +2°C	4.31	3.19
Pdh Tj = +7°C	3.40 kW	3.20 kW
COP Tj = +7°C	5.78	4.52
Pdh Tj = 12°C	3.90 kW	3.90 kW
COP Tj = 12°C	8.02	6.42
Pdh Tj = Tbiv	2.80 kW	3.00 kW

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COP $T_j = T_{biv}$	4.31	3.19
$P_{dh} T_j = TOL$ or $P_{dh} T_j = T_{designh}$ if $TOL < T_{designh}$	3.00 kW	2.50 kW
COP $T_j = TOL$ or COP $T_j = T_{designh}$ if $TOL < T_{designh}$	3.15	2.49
$C_{dh} T_j = TOL$ or $P_{dh} T_j = T_{designh}$ if $TOL < T_{designh}$	1.00	1.00
WTOL	33 °C	48 °C
P _{off}	15 W	15 W
PTO	15 W	15 W
PSB	15 W	15 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	5.20 kW	5.60 kW
Annual energy consumption Q_{he}	2595 kWh	3524 kWh

Model: EJHA04AV3 / EHY2KOMB32A

Configure model	
Model name	EJHA04AV3 / EHY2KOMB32A
Application	Heating (medium temp)
Units	Indoor + Outdoor
Climate Zone	n/a
Reversibility	No
Cooling mode application (optional)	n/a

General Data	
Power supply	1x230V 50Hz

Heating

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Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	5.20 kW	5.60 kW
Annual energy consumption Q _{he}	2588 kWh	3511 kWh

Model: EJHA04AV3 / NHY2KOMB28A

Configure model	
Model name	EJHA04AV3 / NHY2KOMB28A
Application	Heating (medium temp)
Units	Indoor + Outdoor
Climate Zone	n/a
Reversibility	No
Cooling mode application (optional)	n/a

General Data	
Power supply	1x230V 50Hz

Heating

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