

Page 1 of 13

#### This information was generated by the HP KEYMARK database on 21 Jun 2022

#### **Login**

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 14511-4		
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		
Defrost test	passed	

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

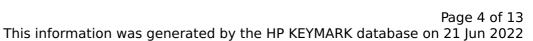
### **Average Climate**





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
$\eta_{s}$	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
		·





	TIN database on 21 juli 202.
4.31	3.19
3.00 kW	2.50 kW
3.15	2.49
1.00	1.00
33 °C	48 °C
15 W	15 W
15 W	15 W
15 W	15 W
0 W	o w
Electricity	Electricity
5.20 kW	5.60 kW
2595 kWh	3524 kWh
	4.31 3.00 kW 3.15 1.00 33 °C 15 W 15 W 0 W Electricity 5.20 kW

# 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	

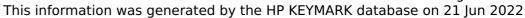
General Data		
Power supply 1x230V 50Hz		

## Heating

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		
Defrost test	passed	

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

### **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
$\eta_{s}$	163 %	128 %
Prated	5.20 kW	5.60 kW
SCOP	4.15	3.28
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





COP Tj = Tbiv	4.31	3.19
COF IJ = IDIV	4.31	3.19
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	3.00 kW	2.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.15	2.49
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.00	1.00
WTOL	33 °C	48 °C
Poff	15 W	15 W
РТО	15 W	15 W
PSB	15 W	15 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	5.20 kW	5.60 kW
Annual energy consumption Qhe	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	

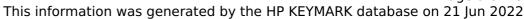
General Data		
Power supply	1x230V 50Hz	

## Heating

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	

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

### **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
$\eta_{s}$	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
		·





This information was genera	- · · <b>,</b> -	· · · · · · · · · · · · · · · · · · ·
COP Tj = Tbiv	4.31	3.19
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	3.00 kW	2.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.15	2.49
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.00	1.00
WTOL	33 °C	48 °C
Poff	15 W	15 W
РТО	15 W	15 W
PSB	15 W	15 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	5.20 kW	5.60 kW
Annual energy consumption Qhe	2595 kWh	3524 kWh



# Model: EJHA04AV3 / NHY2KOMB32A

Configure model		
Model name	EJHA04AV3 / NHY2KOMB32A	
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 14511-4			
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		

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

### **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	
$\eta_{s}$	163 %	128 %	
Prated	5.20 kW	5.60 kW	
SCOP	4.15	3.28	
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	



Page 13 of 13

#### This information was generated by the HP KEYMARK database on 21 Jun 2022

COP Tj = Tbiv	4.31	3.19
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	3.00 kW	2.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.15	2.49
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.00	1.00
WTOL	33 °C	48 °C
Poff	15 W	15 W
РТО	15 W	15 W
PSB	15 W	15 W
PCK	o w	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	5.20 kW	5.60 kW
Annual energy consumption Qhe	2588 kWh	3511 kWh