

Summary of	DAIKIN ALTHERMA 3 R W 8KW /A	Reg. No.	011-1W0248
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		
Name of testing laboratory	Danish Technological Institute		
Subtype title	DAIKIN ALTHERMA 3 R W 8KW /A		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R32		
Mass Of Refrigerant	1.5 kg		
Certification Date	02.03.2018		
Testing basis	HP KEYMARK certification scheme rules rev. 7		

# **Model: ERGA08DVA / EHBX08D9W**

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	7.50 kW	7.50 kW
El input	1.63 kW	2.78 kW
СОР	4.60	2.70
Indoor water flow rate	1.29 m³/h	0.92 m³/h



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	42 dB(A)	42 dB(A)
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	181 %	129 %
Prated	8.00 kW	7.50 kW
SCOP	4.61	3.30
Tbiv	-8 °C	-6 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.00 kW	5.90 kW
COP Tj = -7°C	2.77	1.98
Cdh		1.00
Pdh Tj = +2°C	4.20 kW	4.10 kW
COP Tj = +2°C	4.35	3.18
Cdh	1.00	1.00
Pdh Tj = +7°C	3.30 kW	3.00 kW
COP Tj = +7°C	6.49	4.54
Cdh	1.00	1.00



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Pdh Tj = 12°C	3.90 kW	3.70 kW
COP Tj = 12°C	8.52	6.16
Cdh	1.00	1.00
Pdh Tj = Tbiv	7.50 kW	6.40 kW
COP Tj = Tbiv	2.66	2.18
Pdh Tj = TOL	6.90 kW	4.50 kW
COP Tj = TOL	2.41	1.43
Cdh	1.00	1.00
WTOL	35 °C	55 °C
Poff	10 W	10 W
РТО	10 W	10 W
PSB	10 W	10 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	1.00 kW	3.00 kW
Annual energy consumption Qhe	3588 kWh	4694 kWh



# **Model: ERGA08DVA / EHBX08D6V**

General Data	
Power supply	1x230V 50Hz

# Heating

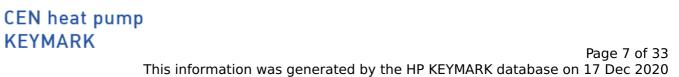
EN 14511-4	
Operating range outdoor exchanger/indoor exchanger lower limit/lower limit	passed
Operating range outdoor exchanger/indoor exchanger upper limit/upper limit	passed
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed

EN 14511-2		
	Low temperature	Medium temperature
Heat output	7.50 kW	7.50 kW
El input	1.63 kW	2.78 kW
СОР	4.60	2.70
Indoor water flow rate	1.29 m³/h	0.92 m³/h



EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	42 dB(A)	42 dB(A)
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	181 %	129 %
Prated	8.00 kW	7.50 kW
SCOP	4.61	3.30
Tbiv	-8 °C	-6 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.00 kW	5.90 kW
COP Tj = -7°C	2.77	1.98
Cdh		1.00
Pdh Tj = +2°C	4.20 kW	4.10 kW
COP Tj = +2°C	4.35	3.18
Cdh	1.00	1.00
Pdh Tj = +7°C	3.30 kW	3.00 kW
COP Tj = +7°C	6.49	4.54
Cdh	1.00	1.00



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Pdh Tj = 12°C	3.90 kW	3.70 kW
COP Tj = 12°C	8.52	6.16
Cdh	1.00	1.00
Pdh Tj = Tbiv	7.50 kW	6.40 kW
COP Tj = Tbiv	2.66	2.18
Pdh Tj = TOL	6.90 kW	4.50 kW
COP Tj = TOL	2.41	1.43
Cdh	1.00	1.00
WTOL	35 °C	55 °C
Poff	10 W	10 W
РТО	10 W	10 W
PSB	10 W	10 W
PCK	0 W	o w
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	1.00 kW	3.00 kW
Annual energy consumption Qhe	3588 kWh	4694 kWh



# **Model: ERGA08DVA / EHBH08D9W**

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	7.50 kW	7.50 kW
El input	1.63 kW	2.78 kW
СОР	4.60	2.70
Indoor water flow rate	1.29 m³/h	0.92 m³/h



	EN 12102-1	
	Low temperature	Medium temperature
Sound power level indoor	42 dB(A)	42 dB(A)
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	179 %	128 %
Prated	8.00 kW	7.50 kW
SCOP	4.56	3.27
Tbiv	-8 °C	-6 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.00 kW	5.90 kW
COP Tj = -7°C	2.77	1.98
Cdh		1.00
Pdh Tj = +2°C	4.20 kW	4.10 kW
COP Tj = +2°C	4.35	3.18
Cdh	1.00	1.00
Pdh Tj = +7°C	3.30 kW	3.00 kW
COP Tj = +7°C	6.49	4.54
Cdh	1.00	1.00



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Pdh Tj = 12°C	3.90 kW	3.70 kW
COP Tj = 12°C	8.52	6.16
Cdh	1.00	1.00
Pdh Tj = Tbiv	7.50 kW	6.40 kW
COP Tj = Tbiv	2.66	2.18
Pdh Tj = TOL	6.90 kW	4.50 kW
COP Tj = TOL	2.41	1.43
Cdh	1.00	1.00
WTOL	35 °C	55 °C
Poff	10 W	10 W
PTO	10 W	10 W
PSB	10 W	10 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	1.00 kW	3.00 kW
Annual energy consumption Qhe	3625 kWh	4731 kWh



# **Model: ERGA08DVA / EHBH08D6V**

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	7.50 kW	7.50 kW
El input	1.63 kW	2.78 kW
СОР	4.60	2.70
Indoor water flow rate	1.29 m³/h	0.92 m³/h



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	EN 12102-1	
	Low temperature	Medium temperature
Sound power level indoor	42 dB(A)	42 dB(A)
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	179 %	128 %
Prated	8.00 kW	7.50 kW
SCOP	4.56	3.27
Tbiv	-8 °C	-6 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.00 kW	5.90 kW
COP Tj = -7°C	2.77	1.98
Cdh		1.00
Pdh Tj = +2°C	4.20 kW	4.10 kW
COP Tj = +2°C	4.35	3.18
Cdh	1.00	1.00
Pdh Tj = +7°C	3.30 kW	3.00 kW
COP Tj = +7°C	6.49	4.54
Cdh	1.00	1.00



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Pdh Tj = 12°C	3.90 kW	3.70 kW
COP Tj = 12°C	8.52	6.16
Cdh	1.00	1.00
Pdh Tj = Tbiv	7.50 kW	6.40 kW
COP Tj = Tbiv	2.66	2.18
Pdh Tj = TOL	6.90 kW	4.50 kW
COP Tj = TOL	2.41	1.43
Cdh	1.00	1.00
WTOL	35 °C	55 °C
Poff	10 W	10 W
РТО	10 W	10 W
PSB	10 W	10 W
PCK	o w	o w
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	1.00 kW	3.00 kW
Annual energy consumption Qhe	3625 kWh	4731 kWh



# **Model: ERGA08EVA / EHBX08E6V**

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	

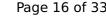
EN 14511-2		
	Low temperature	Medium temperature
Heat output	7.50 kW	7.50 kW
El input	1.63 kW	2.78 kW
СОР	4.60	2.70
Indoor water flow rate	1.29 m³/h	0.92 m³/h



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EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	42 dB(A)	42 dB(A)
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	181 %	129 %
Prated	8.00 kW	7.50 kW
SCOP	4.61	3.30
Tbiv	-8 °C	-6 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.00 kW	5.90 kW
COP Tj = -7°C	2.77	1.98
Cdh		1.00
Pdh Tj = +2°C	4.20 kW	4.10 kW
COP Tj = +2°C	4.35	3.18
Cdh	1.00	1.00
Pdh Tj = +7°C	3.30 kW	3.00 kW
COP Tj = +7°C	6.49	4.54
Cdh	1.00	1.00





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Pdh Tj = 12°C	3.90 kW	3.70 kW
COP Tj = 12°C	8.52	6.16
Cdh	1.00	1.00
Pdh Tj = Tbiv	7.50 kW	6.40 kW
COP Tj = Tbiv	2.66	2.18
Pdh Tj = TOL	6.90 kW	4.50 kW
COP Tj = TOL	2.41	1.43
Cdh	1.00	1.00
WTOL	35 °C	55 °C
Poff	10 W	10 W
РТО	10 W	10 W
PSB	10 W	10 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	1.00 kW	3.00 kW
Annual energy consumption Qhe	3588 kWh	4694 kWh

# Cooling

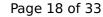




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EN 14511-2	
+7°C/+12°C	
El input	1.73 kW
Indoor water flow rate	0.94 m³/h
Cooling capacity	5.44
EER	3.14

#### EN 14825





SEER       5.71         Pdc Tj = 35°C       5.44 kW         EER Tj = 35°C       3.14         Pdc Tj = 30°C       4.02 kW         EER Tj = 30°C       4.84         Cdc       1.0         Pdc Tj = 25°C       2.47 kW         EER Tj = 25°C       6.86         Cdc       1.0         Pdc Tj = 20°C       2.54 kW         EER Tj = 20°C       8.47         Cdc       1.0         Poff       10 W         PTO       10 W         PSB       10 W         PCK       0 W	This information was generated by the HP KE	
SEER       5.71         Pdc Tj = 35°C       5.44 kW         EER Tj = 35°C       3.14         Pdc Tj = 30°C       4.02 kW         EER Tj = 30°C       4.84         Cdc       1.0         Pdc Tj = 25°C       2.47 kW         EER Tj = 25°C       6.86         Cdc       1.0         Pdc Tj = 20°C       2.54 kW         EER Tj = 20°C       8.47         Cdc       1.0         Poff       10 W         PTO       10 W         PSB       10 W         PCK       0 W		+7°C/+12°C
Pdc Tj = 35°C	Pdesignc	5.40 kW
EER Tj = 35°C 3.14  Pdc Tj = 30°C 4.02 kW  EER Tj = 30°C 4.84  Cdc 1.0  Pdc Tj = 25°C 2.47 kW  EER Tj = 25°C 6.86  Cdc 1.0  Pdc Tj = 20°C 2.54 kW  EER Tj = 20°C 8.47  Cdc 1.0  Poff 10 W  PTO 10 W  PSB 10 W	SEER	5.71
Pdc Tj = 30°C       4.02 kW         EER Tj = 30°C       4.84         Cdc       1.0         Pdc Tj = 25°C       2.47 kW         EER Tj = 25°C       6.86         Cdc       1.0         Pdc Tj = 20°C       2.54 kW         EER Tj = 20°C       8.47         Cdc       1.0         Poff       10 W         PTO       10 W         PSB       10 W         PCK       0 W	Pdc Tj = 35°C	5.44 kW
EER Tj = 30°C 4.84  Cdc 1.0  Pdc Tj = 25°C 2.47 kW  EER Tj = 25°C 6.86  Cdc 1.0  Pdc Tj = 20°C 2.54 kW  EER Tj = 20°C 8.47  Cdc 1.0  Poff 10 W  PTO 10 W  PSB 10 W	EER Tj = 35°C	3.14
Cdc       1.0         Pdc Tj = 25°C       2.47 kW         EER Tj = 25°C       6.86         Cdc       1.0         Pdc Tj = 20°C       2.54 kW         EER Tj = 20°C       8.47         Cdc       1.0         Poff       10 W         PTO       10 W         PSB       10 W         PCK       0 W	Pdc Tj = 30°C	4.02 kW
Pdc Tj = 25°C       2.47 kW         EER Tj = 25°C       6.86         Cdc       1.0         Pdc Tj = 20°C       2.54 kW         EER Tj = 20°C       8.47         Cdc       1.0         Poff       10 W         PTO       10 W         PSB       10 W         PCK       0 W	EER Tj = 30°C	4.84
EER Tj = 25°C 6.86  Cdc 1.0  Pdc Tj = 20°C 2.54 kW  EER Tj = 20°C 8.47  Cdc 1.0  Poff 10 W  PTO 10 W  PSB 10 W	Cdc	1.0
Cdc       1.0         Pdc Tj = 20°C       2.54 kW         EER Tj = 20°C       8.47         Cdc       1.0         Poff       10 W         PTO       10 W         PSB       10 W         PCK       0 W	Pdc Tj = 25°C	2.47 kW
Pdc Tj = 20°C       2.54 kW         EER Tj = 20°C       8.47         Cdc       1.0         Poff       10 W         PTO       10 W         PSB       10 W         PCK       0 W	EER Tj = 25°C	6.86
EER Tj = 20°C 8.47  Cdc 1.0  Poff 10 W  PTO 10 W  PSB 10 W  PCK 0 W	Cdc	1.0
Cdc       1.0         Poff       10 W         PTO       10 W         PSB       10 W         PCK       0 W	Pdc Tj = 20°C	2.54 kW
Poff 10 W PTO 10 W PSB 10 W PCK 0 W	EER Tj = 20°C	8.47
PTO 10 W  PSB 10 W  PCK 0 W	Cdc	1.0
PSB 10 W	Poff	10 W
PCK 0 W	PTO	10 W
	PSB	10 W
Annual energy consumption Qce 571 kWh	PCK	o w
	Annual energy consumption Qce	571 kWh



# **Model: ERGA08EVA / EHBX08E9W**

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	

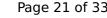
EN 14511-2		
	Low temperature	Medium temperature
Heat output	7.50 kW	7.50 kW
El input	1.63 kW	2.78 kW
СОР	4.60	2.70
Indoor water flow rate	1.29 m³/h	0.92 m³/h





EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	42 dB(A)	42 dB(A)
Sound power level outdoor	62 dB(A)	62 dB(A)

Low temperature  181 %  8.00 kW  4.61	Medium temperature  129 %  7.50 kW
8.00 kW	7.50 kW
4.61	2.20
	3.30
-8 °C	-6 °C
-10 °C	-10 °C
7.00 kW	5.90 kW
2.77	1.98
	1.00
4.20 kW	4.10 kW
4.35	3.18
1.00	1.00
3.30 kW	3.00 kW
6.49	4.54
1.00	1.00
	-10 °C  7.00 kW  2.77  4.20 kW  4.35  1.00  3.30 kW  6.49





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Pdh Tj = 12°C	3.90 kW	3.70 kW
COP Tj = 12°C	8.52	6.16
Cdh	1.00	1.00
Pdh Tj = Tbiv	7.50 kW	6.40 kW
COP Tj = Tbiv	2.66	2.18
Pdh Tj = TOL	6.90 kW	4.50 kW
COP Tj = TOL	2.41	1.43
Cdh	1.00	1.00
WTOL	35 °C	55 °C
Poff	10 W	10 W
РТО	10 W	10 W
PSB	10 W	10 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	1.00 kW	3.00 kW
Annual energy consumption Qhe	3588 kWh	4694 kWh

# Cooling

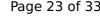




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EN 14511-2		
	+7°C/+12°C	
El input	1.73 kW	
Indoor water flow rate	0.94 m³/h	
Cooling capacity	5.44	
EER	3.14	

#### EN 14825





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This information was generated by the HP KEYMARK database on 17 Dec 20		
	+7°C/+12°C	
Pdesignc	5.40 kW	
SEER	5.71	
Pdc Tj = 35°C	5.44 kW	
EER Tj = 35°C	3.14	
Pdc Tj = 30°C	4.02 kW	
EER Tj = 30°C	4.84	
Cdc	1.0	
Pdc Tj = 25°C	2.47 kW	
EER Tj = 25°C	6.86	
Cdc	1.0	
Pdc Tj = 20°C	2.54 kW	
EER Tj = 20°C	8.47	
Cdc	1.0	
Poff	10 W	
PTO	10 W	
PSB	10 W	
PCK	0 W	
Annual energy consumption Qce	571 kWh	



# **Model: ERGA08EVA / EHBH08E6V**

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	

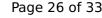
EN 14511-2		
	Low temperature	Medium temperature
Heat output	7.50 kW	7.50 kW
El input	1.63 kW	2.78 kW
СОР	4.60	2.70
Indoor water flow rate	1.29 m³/h	0.92 m³/h



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EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	42 dB(A)	42 dB(A)
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	179 %	128 %
Prated	8.00 kW	7.50 kW
SCOP	4.56	3.27
Tbiv	-8 °C	-6 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.00 kW	5.90 kW
COP Tj = -7°C	2.77	1.98
Cdh		1.00
Pdh Tj = +2°C	4.20 kW	4.10 kW
COP Tj = +2°C	4.35	3.18
Cdh	1.00	1.00
Pdh Tj = +7°C	3.30 kW	3.00 kW
COP Tj = +7°C	6.49	4.54
Cdh	1.00	1.00





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Pdh Tj = 12°C	3.90 kW	3.70 kW
COP Tj = 12°C	8.52	6.16
Cdh	1.00	1.00
Pdh Tj = Tbiv	7.50 kW	6.40 kW
COP Tj = Tbiv	2.66	2.18
Pdh Tj = TOL	6.90 kW	4.50 kW
COP Tj = TOL	2.41	1.43
Cdh	1.00	1.00
WTOL	35 °C	55 °C
Poff	10 W	10 W
РТО	10 W	10 W
PSB	10 W	10 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	1.00 kW	3.00 kW
Annual energy consumption Qhe	3625 kWh	4731 kWh

# Cooling





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EN 14511-2		
	+7°C/+12°C	
El input	1.73 kW	
Indoor water flow rate	0.94 m³/h	
Cooling capacity	5.44	
EER	3.14	

#### EN 14825





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	+7°C/+12°C
Pdesignc	5.40 kW
SEER	5.71
Pdc Tj = 35°C	5.44 kW
EER Tj = 35°C	3.14
Pdc Tj = 30°C	4.02 kW
EER Tj = 30°C	4.84
Cdc	1.0
Pdc Tj = 25°C	2.47 kW
EER Tj = 25°C	6.86
Cdc	1.0
Pdc Tj = 20°C	2.54 kW
EER Tj = 20°C	8.47
Cdc	1.0
Poff	10 W
РТО	10 W
PSB	10 W
PCK	o w
Annual energy consumption Qce	571 kWh



# **Model: ERGA08EVA / EHBH08E9W**

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	

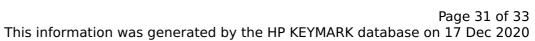
EN 14511-2			
	Low temperature	Medium temperature	
Heat output	7.50 kW	7.50 kW	
El input	1.63 kW	2.78 kW	
СОР	4.60	2.70	
Indoor water flow rate	1.29 m³/h	0.92 m³/h	



 $$\operatorname{\textit{Page}}\xspace$  30 of 33 This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	42 dB(A)	42 dB(A)
Sound power level outdoor	62 dB(A)	62 dB(A)

EN 14825		
	Low temperature	Medium temperature
$\eta_{s}$	179 %	128 %
Prated	8.00 kW	7.50 kW
SCOP	4.56	3.27
Tbiv	-8 °C	-6 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7.00 kW	5.90 kW
COP Tj = -7°C	2.77	1.98
Cdh		1.00
Pdh Tj = +2°C	4.20 kW	4.10 kW
COP Tj = +2°C	4.35	3.18
Cdh	1.00	1.00
Pdh Tj = +7°C	3.30 kW	3.00 kW
COP Tj = +7°C	6.49	4.54
Cdh	1.00	1.00



Inis information was ge	rnerated by the HP KETM	ARK database on 17 Dec 2020
Pdh Tj = 12°C	3.90 kW	3.70 kW
COP Tj = 12°C	8.52	6.16
Cdh	1.00	1.00
Pdh Tj = Tbiv	7.50 kW	6.40 kW
COP Tj = Tbiv	2.66	2.18
Pdh Tj = TOL	6.90 kW	4.50 kW
COP Tj = TOL	2.41	1.43
Cdh	1.00	1.00
WTOL	35 °C	55 °C
Poff	10 W	10 W
РТО	10 W	10 W
PSB	10 W	10 W
PCK	0 W	o w
Supplementary Heater: Type of energy input	Electrical	Electrical
Supplementary Heater: PSUP	1.00 kW	3.00 kW

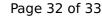
# Cooling

Annual energy consumption Qhe

CEN heat pump KEYMARK

3625 kWh

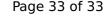
4731 kWh





EN 14511-2	
	+7°C/+12°C
El input	1.73 kW
Indoor water flow rate	0.94 m³/h
Cooling capacity	5.44
EER	3.14

#### EN 14825





 $$\operatorname{\textit{Page}}\ 33$$  of 33 This information was generated by the HP KEYMARK database on 17 Dec 2020

This information was generated by the HP KE	TMAKK database on 17 Dec 202
	+7°C/+12°C
Pdesignc	5.40 kW
SEER	5.71
Pdc Tj = 35°C	5.44 kW
EER Tj = 35°C	3.14
Pdc Tj = 30°C	4.02 kW
EER Tj = 30°C	4.84
Cdc	1.0
Pdc Tj = 25°C	2.47 kW
EER Tj = 25°C	6.86
Cdc	1.0
Pdc Tj = 20°C	2.54 kW
EER Tj = 20°C	8.47
Cdc	1.0
Poff	10 W
РТО	10 W
PSB	10 W
РСК	o w
Annual energy consumption Qce	571 kWh