Subtype DAIKIN ALTHERMA 3 R ECH2O 04KW (300L) (/A)

Certificate Holder	DAIKIN Europe N.V.
Address	Zandvoordestraat 300
ZIP	B-8400
City	Oostende
Country	BE
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH
Subtype title	DAIKIN ALTHERMA 3 R ECH2O 04KW (300L) (/A)
Registration number	011-1W0262
Heat Pump Type	Outdoor Air/Water
Refrigerant	R32
Mass of Refrigerant	1.5 kg
Certification Date	17.08.2018
Testing basis	European KEYMARK Scheme for Heat Pumps Rev. 9 (as of 2021-03)

This information was generated by the HP KEYMARK database on 28.03.2024

Model ERGA04EV / EHSH(B)04P30D3

Model name	ERGA04EV / EHSH(B)04P30D3
Application	Heating + DHW + low temp
Units	Indoor, Outdoor
Climate zone (for heating)	n/a
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data

Power supply	1x230V 50Hz
Off-peak product	n/a

Outdoor Air/Water

EN 16147 | Average Climate

Declared load profile	L
Efficiency ηDHW	115 %
COP	2.76
Heating up time	1:23 h:min
Standby power input	31.7 W
Reference hot water temperature	44.5 °C
Mixed water at 40°C	137 l

EN 14511-4 | Heating

Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

EN 14511-2 | Heating

	Low temperature	Medium temperature
Heat output	4.30 kW	4.90 kW
El input	0.85 kW	1.85 kW
COP	5.10	2.65

EN 14511-2 | Cooling

	+7°C/+12°C	+18°C/+23°C
El input	1.36 kW	
Cooling capacity	4.52	
EER	3.32	

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	39 dB(A)	39 dB(A)
Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
ηs	176 %	127 %
Prated	6.00 kW	6.00 kW
SCOP	4.48	3.26
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.50 kW	5.30 kW
COP Tj = -7°C	2.90	1.97
Cdh Tj = -7 °C	1.00	
Pdh Tj = +2°C	3.30 kW	3.30 kW
COP Tj = +2°C	4.33	3.23
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	3.20 kW	3.00 kW
COP Tj = +7°C	6.19	4.40
Cdh Tj = +7 °C	1.00	1.00
Pdh Tj = 12°C	3.30 kW	3.30 kW
COP Tj = 12°C	7.78	6.10
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	5.50 kW	5.30 kW
COP Tj = Tbiv	2.90	1.97
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.20 kW	4.00 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.56	1.37
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	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	Electricity	Electricity
Supplementary Heater: PSUP	0.80 kW	2.00 kW
Annual energy consumption Qhe	2766 kWh	3806 kWh

EN 14825 | Cooling		
	+7°C/+12°C	+18°C/+23°C
Pdesignc	4.50 kW	
SEER	5.66	
Pdc Tj = 35°C	4.52 kW	
EER Tj = 35°C	3.32	
Pdc Tj = 30°C	3.14 kW	
EER Tj = 30°C	5.11	
Cdc Tj = 30 °C	1.0	
Pdc Tj = 25°C	2.43 kW	
EER Tj = 25°C	6.69	

This information was generated by the HP KEYMARK database on 28.03.2024

Cdc Tj = 25 °C	1.0
Pdc Tj = 20°C	2.50 kW
EER Tj = 20°C	8.24
Cdc Tj = 20 °C	1.0
Poff	10 W
PTO	10 W
PSB	10 W
PCK	0 W
Annual energy consumption Qce	480 kWh

Model ERGA04EV / EHSX(B)04P30D3	
Model name	ERGA04EV / EHSX(B)04P30D3
Application	Heating + DHW + low temp
Units	Indoor, Outdoor
Climate zone (for heating)	n/a
Reversibility	Yes
Cooling mode application (optional)	+7°C/12°C
Any additional heat sources	n/a

General data	
Power supply	1x230V 50Hz
Off-peak product	n/a

Outdoor Air/Water EN 16147 | Average Climate	
Declared load profile	L
Efficiency ηDHW	115 %
COP	2.76
Heating up time	1:23 h:min
Standby power input	31.7 W
Reference hot water temperature	44.5 °C
Mixed water at 40°C	137 l

EN 14511-4 | Heating	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

EN 14511-2 | Heating	Low temperature	Medium temperature
Heat output	4.30 kW	4.90 kW
El input	0.85 kW	1.85 kW
COP	5.10	2.65

EN 14511-2 | Cooling	+7°C/+12°C	+18°C/+23°C
El input	1.36 kW	
Cooling capacity	4.52	
EER	3.32	

EN 12102-1 | Average Climate	Low temperature	Medium temperature
Sound power level indoor	39 dB(A)	39 dB(A)

Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	179 %	129 %
Prated	6.00 kW	6.00 kW
SCOP	4.54	3.29
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.50 kW	5.30 kW
COP Tj = -7°C	2.90	1.97
Cdh Tj = -7 °C	1.00	
Pdh Tj = +2°C	3.30 kW	3.30 kW
COP Tj = +2°C	4.33	3.23
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	3.20 kW	3.00 kW
COP Tj = +7°C	6.19	4.40
Cdh Tj = +7 °C	1.00	1.00
Pdh Tj = 12°C	3.30 kW	3.30 kW
COP Tj = 12°C	7.78	6.10
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	5.50 kW	5.30 kW
COP Tj = Tbiv	2.90	1.97
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.20 kW	4.00 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.56	1.37
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	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	Electricity	Electricity
Supplementary Heater: PSUP	0.80 kW	2.00 kW
Annual energy consumption Qhe	2729 kWh	3769 kWh

EN 14825 | Cooling		
	+7°C/+12°C	+18°C/+23°C
Pdesignc	4.50 kW	
SEER	5.66	
Pdc Tj = 35°C	4.52 kW	
EER Tj = 35°C	3.32	
Pdc Tj = 30°C	3.14 kW	
EER Tj = 30°C	5.11	

This information was generated by the HP KEYMARK database on 28.03.2024

Cdc Tj = 30 °C	1.0
Pdc Tj = 25°C	2.43 kW
EER Tj = 25°C	6.69
Cdc Tj = 25 °C	1.0
Pdc Tj = 20°C	2.50 kW
EER Tj = 20°C	8.24
Cdc Tj = 20 °C	1.0
Poff	10 W
PTO	10 W
PSB	10 W
PCK	0 W
Annual energy consumption Qce	480 kWh

Model ERGA04EVA / EHSH(B)04P30D3

Model name	ERGA04EVA / EHSH(B)04P30D3
Application	Heating + DHW + low temp
Units	Indoor, Outdoor
Climate zone (for heating)	n/a
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data

Power supply	1x230V 50Hz
Off-peak product	n/a

Outdoor Air/Water

EN 16147 | Average Climate

Declared load profile	L
Efficiency ηDHW	115 %
COP	2.76
Heating up time	1:23 h:min
Standby power input	31.7 W
Reference hot water temperature	44.5 °C
Mixed water at 40°C	137 l

EN 14511-4 | Heating

Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

EN 14511-2 | Heating

	Low temperature	Medium temperature
Heat output	4.30 kW	4.90 kW
El input	0.85 kW	1.85 kW
COP	5.10	2.65

EN 14511-2 | Cooling

	+7°C/+12°C	+18°C/+23°C
El input	1.36 kW	
Cooling capacity	4.52	
EER	3.32	

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	39 dB(A)	39 dB(A)
Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
ηs	176 %	127 %
Prated	6.00 kW	6.00 kW
SCOP	4.48	3.26
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.50 kW	5.30 kW
COP Tj = -7°C	2.90	1.97
Cdh Tj = -7 °C	1.00	
Pdh Tj = +2°C	3.30 kW	3.30 kW
COP Tj = +2°C	4.33	3.23
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	3.20 kW	3.00 kW
COP Tj = +7°C	6.19	4.40
Cdh Tj = +7 °C	1.00	1.00
Pdh Tj = 12°C	3.30 kW	3.30 kW
COP Tj = 12°C	7.78	6.10
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	5.50 kW	5.30 kW
COP Tj = Tbiv	2.90	1.97
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.20 kW	4.00 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.56	1.37
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	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	Electricity	Electricity
Supplementary Heater: PSUP	0.80 kW	2.00 kW
Annual energy consumption Qhe	2766 kWh	3806 kWh

EN 14825 | Cooling		
	+7°C/+12°C	+18°C/+23°C
Pdesignc	4.50 kW	
SEER	5.66	
Pdc Tj = 35°C	4.52 kW	
EER Tj = 35°C	3.32	
Pdc Tj = 30°C	3.14 kW	
EER Tj = 30°C	5.11	
Cdc Tj = 30 °C	1.0	
Pdc Tj = 25°C	2.43 kW	
EER Tj = 25°C	6.69	

Cdc Tj = 25 °C	1.0
Pdc Tj = 20°C	2.50 kW
EER Tj = 20°C	8.24
Cdc Tj = 20 °C	1.0
Poff	10 W
PTO	10 W
PSB	10 W
PCK	0 W
Annual energy consumption Qce	480 kWh

Model ERGA04EVA / EHSX(B)04P30D3	
Model name	ERGA04EVA / EHSX(B)04P30D3
Application	Heating + DHW + low temp
Units	Indoor, Outdoor
Climate zone (for heating)	n/a
Reversibility	Yes
Cooling mode application (optional)	+7°C/12°C
Any additional heat sources	n/a

General data	
Power supply	1x230V 50Hz
Off-peak product	n/a

Outdoor Air/Water EN 16147 | Average Climate	
Declared load profile	L
Efficiency ηDHW	115 %
COP	2.76
Heating up time	1:23 h:min
Standby power input	31.7 W
Reference hot water temperature	44.5 °C
Mixed water at 40°C	137 l

EN 14511-4 | Heating	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

EN 14511-2 | Heating	Low temperature	Medium temperature
Heat output	4.30 kW	4.90 kW
El input	0.85 kW	1.85 kW
COP	5.10	2.65

EN 14511-2 | Cooling	+7°C/+12°C	+18°C/+23°C
El input	1.36 kW	
Cooling capacity	4.52	
EER	3.32	

EN 12102-1 | Average Climate	Low temperature	Medium temperature
Sound power level indoor	39 dB(A)	39 dB(A)

Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	179 %	129 %
Prated	6.00 kW	6.00 kW
SCOP	4.54	3.29
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.50 kW	5.30 kW
COP Tj = -7°C	2.90	1.97
Cdh Tj = -7 °C	1.00	
Pdh Tj = +2°C	3.30 kW	3.30 kW
COP Tj = +2°C	4.33	3.23
Cdh Tj = +2 °C	1.00	1.00
Pdh Tj = +7°C	3.20 kW	3.00 kW
COP Tj = +7°C	6.19	4.40
Cdh Tj = +7 °C	1.00	1.00
Pdh Tj = 12°C	3.30 kW	3.30 kW
COP Tj = 12°C	7.78	6.10
Cdh Tj = +12 °C	1.00	1.00
Pdh Tj = Tbiv	5.50 kW	5.30 kW
COP Tj = Tbiv	2.90	1.97
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.20 kW	4.00 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.56	1.37
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	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	Electricity	Electricity
Supplementary Heater: PSUP	0.80 kW	2.00 kW
Annual energy consumption Qhe	2729 kWh	3769 kWh

EN 14825 | Cooling		
	+7°C/+12°C	+18°C/+23°C
Pdesignc	4.50 kW	
SEER	5.66	
Pdc Tj = 35°C	4.52 kW	
EER Tj = 35°C	3.32	
Pdc Tj = 30°C	3.14 kW	
EER Tj = 30°C	5.11	

This information was generated by the HP KEYMARK database on 28.03.2024

Cdc Tj = 30 °C	1.0
Pdc Tj = 25°C	2.43 kW
EER Tj = 25°C	6.69
Cdc Tj = 25 °C	1.0
Pdc Tj = 20°C	2.50 kW
EER Tj = 20°C	8.24
Cdc Tj = 20 °C	1.0
Poff	10 W
PTO	10 W
PSB	10 W
PCK	0 W
Annual energy consumption Qce	480 kWh

Model ERGA04EV / EHSH(B)04P30E

Model name	ERGA04EV / EHSH(B)04P30E
Application	Heating + DHW + low temp
Units	Indoor, Outdoor
Climate zone (for heating)	n/a
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data

Power supply	1x230V 50Hz
Off-peak product	n/a

Outdoor Air/Water

EN 16147 | Average Climate

Declared load profile	L
Efficiency ηDHW	118 %
COP	2.80
Heating up time	1:34 h:min
Standby power input	40.4 W
Reference hot water temperature	44.6 °C
Mixed water at 40°C	140 l

EN 14511-4 | Heating

Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

EN 14511-2 | Heating

	Low temperature	Medium temperature
Heat output	4.30 kW	4.90 kW
El input	0.85 kW	1.85 kW
COP	5.10	2.65

EN 14511-2 | Cooling

	+7°C/+12°C	+18°C/+23°C
El input	1.36 kW	
Cooling capacity	4.52	
EER	3.32	

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	39 dB(A)	39 dB(A)
Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
ηs	176 %	127 %
Prated	6.0 kW	6.0 kW
SCOP	4.48	3.26
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.5 kW	5.3 kW
COP Tj = -7°C	2.90	1.97
Cdh Tj = -7 °C	1.0	
Pdh Tj = +2°C	3.3 kW	3.3 kW
COP Tj = +2°C	4.33	3.23
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = +7°C	3.2 kW	3.0 kW
COP Tj = +7°C	6.19	4.40
Cdh Tj = +7 °C	1.0	1.0
Pdh Tj = 12°C	3.3 kW	3.3 kW
COP Tj = 12°C	7.78	6.10
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	5.5 kW	5.3 kW
COP Tj = Tbiv	2.90	1.97
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.2 kW	4.0 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.56	1.37
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	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	Electricity	Electricity
Supplementary Heater: PSUP	0.8 kW	2.0 kW
Annual energy consumption Qhe	2766 kWh	3806 kWh

EN 14825 | Cooling		
	+7°C/+12°C	+18°C/+23°C
Pdesignc	4.50 kW	
SEER	5.66	
Pdc Tj = 35°C	4.52 kW	
EER Tj = 35°C	3.32	
Pdc Tj = 30°C	3.14 kW	
EER Tj = 30°C	5.11	
Cdc Tj = 30 °C	1.0	
Pdc Tj = 25°C	2.43 kW	
EER Tj = 25°C	6.69	

Cdc Tj = 25 °C	1.0
Pdc Tj = 20°C	2.50 kW
EER Tj = 20°C	8.24
Cdc Tj = 20 °C	1.0
Poff	10 W
PTO	10 W
PSB	10 W
PCK	0 W
Annual energy consumption Qce	480 kWh

Model ERGA04EV / EHSX(B)04P30E	
Model name	ERGA04EV / EHSX(B)04P30E
Application	Heating + DHW + low temp
Units	Indoor, Outdoor
Climate zone (for heating)	n/a
Reversibility	Yes
Cooling mode application (optional)	+7°C/12°C
Any additional heat sources	n/a

General data	
Power supply	1x230V 50Hz
Off-peak product	n/a

Outdoor Air/Water	
EN 16147 | Average Climate	
Declared load profile	L
Efficiency ηDHW	118 %
COP	2.80
Heating up time	1:34 h:min
Standby power input	40.4 W
Reference hot water temperature	44.6 °C
Mixed water at 40°C	140 l

EN 14511-4 | Heating	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

EN 14511-2 | Heating		
	Low temperature	Medium temperature
Heat output	4.30 kW	4.90 kW
El input	0.85 kW	1.85 kW
COP	5.10	2.65

EN 14511-2 | Cooling		
	+7°C/+12°C	+18°C/+23°C
El input	1.36 kW	
Cooling capacity	4.52	
EER	3.32	

EN 12102-1 | Average Climate		
	Low temperature	Medium temperature
Sound power level indoor	39 dB(A)	39 dB(A)

Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	179 %	129 %
Prated	6.0 kW	6.0 kW
SCOP	4.54	3.29
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.5 kW	5.3 kW
COP Tj = -7°C	2.90	1.97
Cdh Tj = -7 °C	1.0	
Pdh Tj = +2°C	3.3 kW	3.3 kW
COP Tj = +2°C	4.33	3.23
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = +7°C	3.2 kW	3.0 kW
COP Tj = +7°C	6.19	4.40
Cdh Tj = +7 °C	1.0	1.0
Pdh Tj = 12°C	3.3 kW	3.3 kW
COP Tj = 12°C	7.78	6.10
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	5.5 kW	5.3 kW
COP Tj = Tbiv	2.90	1.97
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.2 kW	4.0 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.56	1.37
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	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	Electricity	Electricity
Supplementary Heater: PSUP	0.8 kW	2.0 kW
Annual energy consumption Qhe	2729 kWh	3769 kWh

EN 14825 | Cooling		
	+7°C/+12°C	+18°C/+23°C
Pdesignc	4.50 kW	
SEER	5.66	
Pdc Tj = 35°C	4.52 kW	
EER Tj = 35°C	3.32	
Pdc Tj = 30°C	3.14 kW	
EER Tj = 30°C	5.11	

Cdc Tj = 30 °C	1.0
Pdc Tj = 25°C	2.43 kW
EER Tj = 25°C	6.69
Cdc Tj = 25 °C	1.0
Pdc Tj = 20°C	2.50 kW
EER Tj = 20°C	8.24
Cdc Tj = 20 °C	1.0
Poff	10 W
PTO	10 W
PSB	10 W
PCK	0 W
Annual energy consumption Qce	480 kWh

Model ERGA04EVA / EHSH(B)04P30E

Model name	ERGA04EVA / EHSH(B)04P30E
Application	Heating + DHW + low temp
Units	Indoor, Outdoor
Climate zone (for heating)	n/a
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data

Power supply	1x230V 50Hz
Off-peak product	n/a

Outdoor Air/Water

EN 16147 | Average Climate

Declared load profile	L
Efficiency ηDHW	118 %
COP	2.80
Heating up time	1:34 h:min
Standby power input	40.4 W
Reference hot water temperature	44.6 °C
Mixed water at 40°C	140 l

EN 14511-4 | Heating

Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

EN 14511-2 | Heating

	Low temperature	Medium temperature
Heat output	4.30 kW	4.90 kW
El input	0.85 kW	1.85 kW
COP	5.10	2.65

EN 14511-2 | Cooling

	+7°C/+12°C	+18°C/+23°C
El input	1.36 kW	
Cooling capacity	4.52	
EER	3.32	

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	39 dB(A)	39 dB(A)
Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
ηs	176 %	127 %
Prated	6.0 kW	6.0 kW
SCOP	4.48	3.26
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.5 kW	5.3 kW
COP Tj = -7°C	2.90	1.97
Cdh Tj = -7 °C	1.0	
Pdh Tj = +2°C	3.3 kW	3.3 kW
COP Tj = +2°C	4.33	3.23
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = +7°C	3.2 kW	3.0 kW
COP Tj = +7°C	6.19	4.40
Cdh Tj = +7 °C	1.0	1.0
Pdh Tj = 12°C	3.3 kW	3.3 kW
COP Tj = 12°C	7.78	6.10
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	5.5 kW	5.3 kW
COP Tj = Tbiv	2.90	1.97
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.2 kW	4.0 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.56	1.37
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	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	Electricity	Electricity
Supplementary Heater: PSUP	0.8 kW	2.0 kW
Annual energy consumption Qhe	2766 kWh	3806 kWh

EN 14825 | Cooling		
	+7°C/+12°C	+18°C/+23°C
Pdesignc	4.50 kW	
SEER	5.66	
Pdc Tj = 35°C	4.52 kW	
EER Tj = 35°C	3.32	
Pdc Tj = 30°C	3.14 kW	
EER Tj = 30°C	5.11	
Cdc Tj = 30 °C	1.0	
Pdc Tj = 25°C	2.43 kW	
EER Tj = 25°C	6.69	

Cdc Tj = 25 °C	1.0
Pdc Tj = 20°C	2.50 kW
EER Tj = 20°C	8.24
Cdc Tj = 20 °C	1.0
Poff	10 W
PTO	10 W
PSB	10 W
PCK	0 W
Annual energy consumption Qce	480 kWh

Model ERGA04EVA / EHSX(B)04P30E	
Model name	ERGA04EVA / EHSX(B)04P30E
Application	Heating + DHW + low temp
Units	Indoor, Outdoor
Climate zone (for heating)	n/a
Reversibility	Yes
Cooling mode application (optional)	+7°C/12°C
Any additional heat sources	n/a

General data	
Power supply	1x230V 50Hz
Off-peak product	n/a

Outdoor Air/Water	
EN 16147 | Average Climate	
Declared load profile	L
Efficiency ηDHW	118 %
COP	2.80
Heating up time	1:34 h:min
Standby power input	40.4 W
Reference hot water temperature	44.6 °C
Mixed water at 40°C	140 l

EN 14511-4 | Heating	
Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

EN 14511-2 | Heating	Low temperature	Medium temperature
Heat output	4.30 kW	4.90 kW
El input	0.85 kW	1.85 kW
COP	5.10	2.65

EN 14511-2 | Cooling	+7°C/+12°C	+18°C/+23°C
El input	1.36 kW	
Cooling capacity	4.52	
EER	3.32	

EN 12102-1 | Average Climate	Low temperature	Medium temperature
Sound power level indoor	39 dB(A)	39 dB(A)

Sound power level outdoor	58 dB(A)	58 dB(A)

EN 14825 | Average Climate		
	Low temperature	Medium temperature
ηs	179 %	129 %
Prated	6.0 kW	6.0 kW
SCOP	4.54	3.29
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.5 kW	5.3 kW
COP Tj = -7°C	2.90	1.97
Cdh Tj = -7 °C	1.0	
Pdh Tj = +2°C	3.3 kW	3.3 kW
COP Tj = +2°C	4.33	3.23
Cdh Tj = +2 °C	1.0	1.0
Pdh Tj = +7°C	3.2 kW	3.0 kW
COP Tj = +7°C	6.19	4.40
Cdh Tj = +7 °C	1.0	1.0
Pdh Tj = 12°C	3.3 kW	3.3 kW
COP Tj = 12°C	7.78	6.10
Cdh Tj = +12 °C	1.0	1.0
Pdh Tj = Tbiv	5.5 kW	5.3 kW
COP Tj = Tbiv	2.90	1.97
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.2 kW	4.0 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.56	1.37
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	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	Electricity	Electricity
Supplementary Heater: PSUP	0.8 kW	2.0 kW
Annual energy consumption Qhe	2729 kWh	3769 kWh

EN 14825 | Cooling		
	+7°C/+12°C	+18°C/+23°C
Pdesignc	4.50 kW	
SEER	5.66	
Pdc Tj = 35°C	4.52 kW	
EER Tj = 35°C	3.32	
Pdc Tj = 30°C	3.14 kW	
EER Tj = 30°C	5.11	

Cdc Tj = 30 °C	1.0
Pdc Tj = 25°C	2.43 kW
EER Tj = 25°C	6.69
Cdc Tj = 25 °C	1.0
Pdc Tj = 20°C	2.50 kW
EER Tj = 20°C	8.24
Cdc Tj = 20 °C	1.0
Poff	10 W
PTO	10 W
PSB	10 W
PCK	0 W
Annual energy consumption Qce	480 kWh