Subtype DAIKIN ALTHERMA 3 R F+W 08KW (180L)

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 F+W 08KW (180L)
Registration number	011-1W0221
Heat Pump Type	Outdoor Air/Water
Refrigerant	R32
Mass of Refrigerant	1.5 kg
Certification Date	22.11.2017
Testing basis	HP KEYMARK certification scheme rules rev. 14
Testing laboratory	Danish Technological Institute (DTI), DK

Model ERGA08EVH7 / EHBH08E(6V/9W)	
Model name	ERGA08EVH7 / EHBH08E(6V/9W)
Application	Heating (medium 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 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	7.5 kW	7.5 kW
El input	1.63 kW	2.78 kW
COP	4.6	2.7

EN 14511-2 | Cooling

	+7°C/+12°C	+18°C/+23°C
El input	1.73 kW	
Cooling capacity	5.44	
EER	3.14	

EN 12102-1 | Average Climate

	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 | Average Climate

	Low temperature	Medium temperature
ηs	179 %	130 %
Prated	8 kW	8 kW
SCOP	4.56	3.32
Tbiv	-8 °C	-8 °C
TOL	-10 °C	-10 °C

Pdh Tj = -7°C	7 kW	6.9 kW
COP Tj = -7°C	2.77	1.96
Cdh Tj = -7 °C	1	
Pdh Tj = +2°C	4.2 kW	4.4 kW
COP Tj = +2°C	4.35	3.2
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	3.3 kW	3.3 kW
COP Tj = +7°C	6.49	4.64
Cdh Tj = +7 °C	1	1
Pdh Tj = 12°C	3.9 kW	4.1 kW
COP Tj = 12°C	8.52	6.22
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	7.5 kW	7.5 kW
COP Tj = Tbiv	2.66	1.9
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.9 kW	7.1 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.41	1.64
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1	1
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	1.1 kW	0.9 kW
Annual energy consumption Qhe	3,625 kWh	4,975 kWh

EN 14825 | Cooling		
	+7°C/+12°C	+18°C/+23°C
Pdesignc	5.4 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 Tj = 30 °C	1	
Pdc Tj = 25°C	2.47 kW	
EER Tj = 25°C	6.86	
Cdc Tj = 25 °C	1	
Pdc Tj = 20°C	2.54 kW	
EER Tj = 20°C	8.47	
Cdc Tj = 20 °C	1	
Poff	10 W	
PTO	10 W	

PSB	10 W
PCK	0 W
Annual energy consumption Qce	571 kWh

Model ERGA08EVH7 / EHBX08E(6V/9W)	
Model name	ERGA08EVH7 / EHBX08E(6V/9W)
Application	Heating (medium 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 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	7.5 kW	7.5 kW
El input	1.63 kW	2.78 kW
COP	4.6	2.7

EN 14511-2 | Cooling		
	+7°C/+12°C	+18°C/+23°C
El input	1.73 kW	
Cooling capacity	5.44	
EER	3.14	

EN 12102-1 | Average Climate		
	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 | Average Climate		
	Low temperature	Medium temperature
ηs	181 %	131 %
Prated	8 kW	8 kW
SCOP	4.61	3.35
Tbiv	-8 °C	-8 °C

TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7 kW	6.9 kW
COP Tj = -7°C	2.77	1.96
Cdh Tj = -7 °C	1	
Pdh Tj = +2°C	4.2 kW	4.4 kW
COP Tj = +2°C	4.35	3.2
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	3.3 kW	3.3 kW
COP Tj = +7°C	6.49	4.64
Cdh Tj = +7 °C	1	1
Pdh Tj = 12°C	3.9 kW	4.1 kW
COP Tj = 12°C	8.52	6.22
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	7.5 kW	7.5 kW
COP Tj = Tbiv	2.66	1.9
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.9 kW	7.1 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.41	1.64
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1	1
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	1.1 kW	0.9 kW
Annual energy consumption Qhe	3,588 kWh	4,939 kWh

EN 14825 | Cooling		
	+7°C/+12°C	+18°C/+23°C
Pdesignc	5.4 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 Tj = 30 °C	1	
Pdc Tj = 25°C	2.47 kW	
EER Tj = 25°C	6.86	
Cdc Tj = 25 °C	1	
Pdc Tj = 20°C	2.54 kW	
EER Tj = 20°C	8.47	
Cdc Tj = 20 °C	1	
Poff	10 W	

PTO	10 W
PSB	10 W
PCK	0 W
Annual energy consumption Qce	571 kWh

Model ERGA08EVH7 / EHVH08S18E(6V/9W)	
Model name	ERGA08EVH7 / EHVH08S18E(6V/9W)
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	125 %
COP	3.1
Heating up time	1:40 h:min
Standby power input	28 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	238 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	7.5 kW	7.5 kW
El input	1.63 kW	2.78 kW
COP	4.6	2.7

EN 14511-2 | Cooling		
	+7°C/+12°C	+18°C/+23°C
El input	1.73 kW	
Cooling capacity	5.44	
EER	3.14	

EN 12102-1 | Average Climate		
	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 | Average Climate		
	Low temperature	Medium temperature
ηs	179 %	130 %
Prated	8 kW	8 kW
SCOP	4.56	3.32
Tbiv	-8 °C	-8 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7 kW	6.9 kW
COP Tj = -7°C	2.77	1.96
Cdh Tj = -7 °C	1	
Pdh Tj = +2°C	4.2 kW	4.4 kW
COP Tj = +2°C	4.35	3.2
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	3.3 kW	3.3 kW
COP Tj = +7°C	6.49	4.64
Cdh Tj = +7 °C	1	1
Pdh Tj = 12°C	3.9 kW	4.1 kW
COP Tj = 12°C	8.52	6.22
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	7.5 kW	7.5 kW
COP Tj = Tbiv	2.66	1.9
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.9 kW	7.1 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.41	1.64
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1	1
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	1.1 kW	0.9 kW
Annual energy consumption Qhe	3,625 kWh	4,975 kWh

EN 14825 | Cooling		
	+7°C/+12°C	+18°C/+23°C
Pdesignc	5.4 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 Tj = 30 °C	1
Pdc Tj = 25°C	2.47 kW
EER Tj = 25°C	6.86
Cdc Tj = 25 °C	1
Pdc Tj = 20°C	2.54 kW
EER Tj = 20°C	8.47
Cdc Tj = 20 °C	1
Poff	10 W
PTO	10 W
PSB	10 W
PCK	0 W
Annual energy consumption Qce	571 kWh

Model ERGA08EVH7 / EHVX08S18E(6V/9W)		
Model name	ERGA08EVH7 / EHVX08S18E(6V/9W)	
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	125 %	
COP	3.1	
Heating up time	1:40 h:min	
Standby power input	28 W	
Reference hot water temperature	52.5 °C	
Mixed water at 40°C	238 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	7.5 kW	7.5 kW
El input	1.63 kW	2.78 kW
COP	4.6	2.7
EN 14511-2 | Cooling		
	+7°C/+12°C	+18°C/+23°C
El input	1.73 kW	
Cooling capacity	5.44	
EER	3.14	
EN 12102-1 | Average Climate		
	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 | Average Climate

	Low temperature	Medium temperature
ηs	181 %	131 %
Prated	8 kW	8 kW
SCOP	4.61	3.35
Tbiv	-8 °C	-8 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7 kW	6.9 kW
COP Tj = -7°C	2.77	1.96
Cdh Tj = -7 °C	1	
Pdh Tj = +2°C	4.2 kW	4.4 kW
COP Tj = +2°C	4.35	3.2
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	3.3 kW	3.3 kW
COP Tj = +7°C	6.49	4.64
Cdh Tj = +7 °C	1	1
Pdh Tj = 12°C	3.9 kW	4.1 kW
COP Tj = 12°C	8.52	6.22
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	7.5 kW	7.5 kW
COP Tj = Tbiv	2.66	1.9
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.9 kW	7.1 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.41	1.64
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1	1
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	1.1 kW	0.9 kW
Annual energy consumption Qhe	3,588 kWh	4,939 kWh

EN 14825 | Cooling

	+7°C/+12°C	+18°C/+23°C
Pdesignc	5.4 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 Tj = 30 °C	1
Pdc Tj = 25°C	2.47 kW
EER Tj = 25°C	6.86
Cdc Tj = 25 °C	1
Pdc Tj = 20°C	2.54 kW
EER Tj = 20°C	8.47
Cdc Tj = 20 °C	1
Poff	10 W
PTO	10 W
PSB	10 W
PCK	0 W
Annual energy consumption Qce	571 kWh

Model ERGA08EVH7 / EHVZ08S18E(6V/9W)	
Model name	ERGA08EVH7 / EHVZ08S18E(6V/9W)
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	125 %
COP	3.1
Heating up time	1:40 h:min
Standby power input	28 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	238 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	7.5 kW	7.5 kW
El input	1.63 kW	2.78 kW
COP	4.6	2.7

EN 14511-2 | Cooling		
	+7°C/+12°C	+18°C/+23°C
El input	1.73 kW	
Cooling capacity	5.44	
EER	3.14	

EN 12102-1 | Average Climate		
	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 | Average Climate		
	Low temperature	Medium temperature
ηs	179 %	130 %
Prated	8 kW	8 kW
SCOP	4.56	3.32
Tbiv	-8 °C	-8 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7 kW	6.9 kW
COP Tj = -7°C	2.77	1.96
Cdh Tj = -7 °C	1	
Pdh Tj = +2°C	4.2 kW	4.4 kW
COP Tj = +2°C	4.35	3.2
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	3.3 kW	3.3 kW
COP Tj = +7°C	6.49	4.64
Cdh Tj = +7 °C	1	1
Pdh Tj = 12°C	3.9 kW	4.1 kW
COP Tj = 12°C	8.52	6.22
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	7.5 kW	7.5 kW
COP Tj = Tbiv	2.66	1.9
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.9 kW	7.1 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.41	1.64
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1	1
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	1.1 kW	0.9 kW
Annual energy consumption Qhe	3,625 kWh	4,975 kWh

EN 14825 | Cooling		
	+7°C/+12°C	+18°C/+23°C
Pdesignc	5.4 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 Tj = 30 °C	1
Pdc Tj = 25°C	2.47 kW
EER Tj = 25°C	6.86
Cdc Tj = 25 °C	1
Pdc Tj = 20°C	2.54 kW
EER Tj = 20°C	8.47
Cdc Tj = 20 °C	1
Poff	10 W
PTO	10 W
PSB	10 W
PCK	0 W
Annual energy consumption Qce	571 kWh

Model ERGA08EVH7 / EHVH08SU18E6V	
Model name	ERGA08EVH7 / EHVH08SU18E6V
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	125 %
COP	3.1
Heating up time	1:40 h:min
Standby power input	28 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	238 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	7.5 kW	7.5 kW
El input	1.63 kW	2.78 kW
COP	4.6	2.7

EN 14511-2 | Cooling		
	+7°C/+12°C	+18°C/+23°C
El input	1.73 kW	
Cooling capacity	5.44	
EER	3.14	

EN 12102-1 | Average Climate		
	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 | Average Climate		
	Low temperature	Medium temperature
ηs	179 %	130 %
Prated	8 kW	8 kW
SCOP	4.56	3.32
Tbiv	-8 °C	-8 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7 kW	6.9 kW
COP Tj = -7°C	2.77	1.96
Cdh Tj = -7 °C	1	
Pdh Tj = +2°C	4.2 kW	4.4 kW
COP Tj = +2°C	4.35	3.2
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	3.3 kW	3.3 kW
COP Tj = +7°C	6.49	4.64
Cdh Tj = +7 °C	1	1
Pdh Tj = 12°C	3.9 kW	4.1 kW
COP Tj = 12°C	8.52	6.22
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	7.5 kW	7.5 kW
COP Tj = Tbiv	2.66	1.9
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.9 kW	7.1 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.41	1.64
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1	1
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	1.1 kW	0.9 kW
Annual energy consumption Qhe	3,625 kWh	4,975 kWh

EN 14825 | Cooling		
	+7°C/+12°C	+18°C/+23°C
Pdesignc	5.4 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 Tj = 30 °C	1
Pdc Tj = 25°C	2.47 kW
EER Tj = 25°C	6.86
Cdc Tj = 25 °C	1
Pdc Tj = 20°C	2.54 kW
EER Tj = 20°C	8.47
Cdc Tj = 20 °C	1
Poff	10 W
PTO	10 W
PSB	10 W
PCK	0 W
Annual energy consumption Qce	571 kWh

Model ERGA08EVH7 / EHBH08E(6V/9W) + cooling kit	
Model name	ERGA08EVH7 / EHBH08E(6V/9W) + cooling kit
Application	Heating (medium 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 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	7.5 kW	7.5 kW
El input	1.63 kW	2.78 kW
COP	4.6	2.7

EN 14511-2 | Cooling		
	+7°C/+12°C	+18°C/+23°C
El input	1.73 kW	
Cooling capacity	5.44	
EER	3.14	

EN 12102-1 | Average Climate		
	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 | Average Climate		
	Low temperature	Medium temperature
ηs	181 %	131 %
Prated	8 kW	8 kW
SCOP	4.61	3.35
Tbiv	-8 °C	-8 °C

TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7 kW	6.9 kW
COP Tj = -7°C	2.77	1.96
Cdh Tj = -7 °C	1	
Pdh Tj = +2°C	4.2 kW	4.4 kW
COP Tj = +2°C	4.35	3.2
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	3.3 kW	3.3 kW
COP Tj = +7°C	6.49	4.64
Cdh Tj = +7 °C	1	1
Pdh Tj = 12°C	3.9 kW	4.1 kW
COP Tj = 12°C	8.52	6.22
Cdh Tj = +12 °C	1	1
Pdh Tj = Tbiv	7.5 kW	7.5 kW
COP Tj = Tbiv	2.66	1.9
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.9 kW	7.1 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.41	1.64
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1	1
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	1.1 kW	0.9 kW
Annual energy consumption Qhe	3,588 kWh	4,939 kWh

EN 14825 | Cooling		
	+7°C/+12°C	+18°C/+23°C
Pdesignc	5.4 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 Tj = 30 °C	1	
Pdc Tj = 25°C	2.47 kW	
EER Tj = 25°C	6.86	
Cdc Tj = 25 °C	1	
Pdc Tj = 20°C	2.54 kW	
EER Tj = 20°C	8.47	
Cdc Tj = 20 °C	1	
Poff	10 W	

PTO	10 W
PSB	10 W
PCK	0 W
Annual energy consumption Qce	571 kWh

Model ERGA08EVH7 / EHVH08S18E(6V/9W) + cooling kit	
Model name	ERGA08EVH7 / EHVH08S18E(6V/9W) + cooling kit
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	125 %
COP	3.1
Heating up time	1:40 h:min
Standby power input	28 W
Reference hot water temperature	52.5 °C
Mixed water at 40°C	238 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	7.5 kW	7.5 kW
El input	1.63 kW	2.78 kW
COP	4.6	2.7

EN 14511-2 | Cooling		
	+7°C/+12°C	+18°C/+23°C
El input	1.73 kW	
Cooling capacity	5.44	
EER	3.14	

EN 12102-1 | Average Climate		
	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 | Average Climate

	Low temperature	Medium temperature
ηs	181 %	131 %
Prated	8 kW	8 kW
SCOP	4.61	3.35
Tbiv	-8 °C	-8 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	7 kW	6.9 kW
COP Tj = -7°C	2.77	1.96
Cdh Tj = -7 °C	1	
Pdh Tj = +2°C	4.2 kW	4.4 kW
COP Tj = +2°C	4.35	3.2
Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	3.3 kW	3.3 kW
COP Tj = +7°C	6.49	4.64
Cdh Tj = +7 °C	1	1
Pdh Tj = 12°C	3.9 kW	4.1 kW
COP Tj = 12°C	8.52	6.22
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WTOL	35 °C	55 °C
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Supplementary Heater: Type of energy input	Electricity	Electricity
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EN 14825 | Cooling

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Cdc Tj = 30 °C	1
Pdc Tj = 25°C	2.47 kW
EER Tj = 25°C	6.86
Cdc Tj = 25 °C	1
Pdc Tj = 20°C	2.54 kW
EER Tj = 20°C	8.47
Cdc Tj = 20 °C	1
Poff	10 W
PTO	10 W
PSB	10 W
PCK	0 W
Annual energy consumption Qce	571 kWh

Model ERGA08EVH7 / EHVZ08S18E(6V/9W) + cooling kit	
Model name	ERGA08EVH7 / EHVZ08S18E(6V/9W) + cooling kit
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	125 %
COP	3.1
Heating up time	1:40 h:min
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Cdh Tj = +2 °C	1	1
Pdh Tj = +7°C	3.3 kW	3.3 kW
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