

This information was generated by the HP KEYMARK database on 17 Dec 2020

| | | | | |
|----------------------------|---|--|----------|------------|
| Summary of | DAIKIN ALTHERMA 3 R ECH2O 6KW (500L) (/A) | | Reg. No. | 011-1W0265 |
| 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 | IGE Institut für GebäudeEnergetik | | | |
| Subtype title | DAIKIN ALTHERMA 3 R ECH2O 6KW (500L) (/A) | | | |
| Heat Pump Type | Outdoor Air/Water | | | |
| Refrigerant | R32 | | | |
| Mass Of Refrigerant | 1.5 kg | | | |
| Certification Date | 17.08.2018 | | | |
| Testing basis | HP KEYMARK certification scheme rules rev. 7 | | | |

Model: ERGA06DV / EHSX08P50D

General Data

| | |
|--------------|-------------|
| Power supply | 1x230V 50Hz |
|--------------|-------------|

Heating

EN 14511-2

| | Low temperature | Medium temperature |
|------------------------|------------------------|------------------------|
| Heat output | 6.00 kW | 5.80 kW |
| El input | 1.24 kW | 2.15 kW |
| COP | 4.85 | 2.70 |
| Indoor water flow rate | 1.03 m ³ /h | 0.71 m ³ /h |

EN 14511-4

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

Average Climate

This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 12102-1

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level indoor | 39 dB(A) | 39 dB(A) |
| Sound power level outdoor | 60 dB(A) | 60 dB(A) |

EN 14825

| | Low temperature | Medium temperature |
|---------------|-----------------|--------------------|
| η_s | 178 % | 128 % |
| Prated | 7.00 kW | 7.00 kW |
| SCOP | 4.52 | 3.28 |
| Tbiv | -6 °C | -6 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 6.00 kW | 5.90 kW |
| COP Tj = -7°C | 2.86 | 1.98 |
| Cdh | | 1.00 |
| Pdh Tj = +2°C | 3.90 kW | 3.90 kW |
| COP Tj = +2°C | 4.25 | 3.16 |
| Cdh | 1.00 | 1.00 |
| Pdh Tj = +7°C | 3.20 kW | 3.00 kW |
| COP Tj = +7°C | 6.30 | 4.49 |
| Cdh | 1.00 | 1.00 |

This information was generated by the HP KEYMARK database on 17 Dec 2020

| | | |
|--|------------|------------|
| Pdh Tj = 12°C | 3.30 kW | 3.30 kW |
| COP Tj = 12°C | 7.78 | 6.10 |
| Cdh | 1.00 | 1.00 |
| Pdh Tj = Tbiv | 6.10 kW | 6.10 kW |
| COP Tj = Tbiv | 3.07 | 2.12 |
| Pdh Tj = TOL | 6.00 kW | 5.40 kW |
| COP Tj = TOL | 2.49 | 1.53 |
| 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 | 1.60 kW |
| Annual energy consumption Qhe | 3196 kWh | 4405 kWh |

Domestic Hot Water (DHW)

Average Climate

This information was generated by the HP KEYMARK database on 17 Dec 2020

| EN 16147 | |
|---------------------------------|------------|
| Declared load profile | XL |
| Efficiency η_{DHW} | 106 % |
| COP | 2.57 |
| Heating up time | 2:47 h:min |
| Standby power input | 38.2 W |
| Reference hot water temperature | 45.2 °C |
| Mixed water at 40°C | 237 l |

Model: ERGA06DV / EHSXB08P50D

General Data

| | |
|--------------|-------------|
| Power supply | 1x230V 50Hz |
|--------------|-------------|

Heating

EN 14511-2

| | Low temperature | Medium temperature |
|------------------------|------------------------|------------------------|
| Heat output | 6.00 kW | 5.80 kW |
| El input | 1.24 kW | 2.15 kW |
| COP | 4.85 | 2.70 |
| Indoor water flow rate | 1.03 m ³ /h | 0.71 m ³ /h |

EN 14511-4

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

Average Climate

This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 12102-1

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level indoor | 39 dB(A) | 39 dB(A) |
| Sound power level outdoor | 60 dB(A) | 60 dB(A) |

EN 14825

| | Low temperature | Medium temperature |
|---------------|-----------------|--------------------|
| η_s | 178 % | 127 % |
| Prated | 7.00 kW | 7.00 kW |
| SCOP | 4.52 | 3.26 |
| Tbiv | -6 °C | -6 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 6.00 kW | 5.90 kW |
| COP Tj = -7°C | 2.86 | 1.98 |
| Cdh | | 1.00 |
| Pdh Tj = +2°C | 3.90 kW | 3.90 kW |
| COP Tj = +2°C | 4.25 | 3.16 |
| Cdh | 1.00 | 1.00 |
| Pdh Tj = +7°C | 3.20 kW | 3.00 kW |
| COP Tj = +7°C | 6.30 | 4.49 |
| Cdh | 1.00 | 1.00 |

This information was generated by the HP KEYMARK database on 17 Dec 2020

| | | |
|--|------------|------------|
| Pdh Tj = 12°C | 3.30 kW | 3.30 kW |
| COP Tj = 12°C | 7.78 | 6.10 |
| Cdh | 1.00 | 1.00 |
| Pdh Tj = Tbiv | 6.10 kW | 6.10 kW |
| COP Tj = Tbiv | 3.07 | 2.12 |
| Pdh Tj = TOL | 6.00 kW | 5.40 kW |
| COP Tj = TOL | 2.49 | 1.53 |
| 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 | 1.60 kW |
| Annual energy consumption Qhe | 3196 kWh | 4405 kWh |

Domestic Hot Water (DHW)

Average Climate

This information was generated by the HP KEYMARK database on 17 Dec 2020

| EN 16147 | |
|---------------------------------|------------|
| Declared load profile | XL |
| Efficiency η_{DHW} | 110 % |
| COP | 2.66 |
| Heating up time | 2:29 h:min |
| Standby power input | 42.0 W |
| Reference hot water temperature | 45.0 °C |
| Mixed water at 40°C | 211 l |

Model: ERGA06DV / ESH08P50D

General Data

| | |
|--------------|-------------|
| Power supply | 1x230V 50Hz |
|--------------|-------------|

Heating

EN 14511-2

| | Low temperature | Medium temperature |
|------------------------|------------------------|------------------------|
| Heat output | 6.00 kW | 5.80 kW |
| El input | 1.24 kW | 2.15 kW |
| COP | 4.85 | 2.70 |
| Indoor water flow rate | 1.03 m ³ /h | 0.71 m ³ /h |

EN 14511-4

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

Average Climate

This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 12102-1

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level indoor | 39 dB(A) | 39 dB(A) |
| Sound power level outdoor | 60 dB(A) | 60 dB(A) |

EN 14825

| | Low temperature | Medium temperature |
|---------------|-----------------|--------------------|
| η_s | 176 % | 127 % |
| Prated | 7.00 kW | 7.00 kW |
| SCOP | 4.47 | 3.26 |
| Tbiv | -6 °C | -6 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 6.00 kW | 5.90 kW |
| COP Tj = -7°C | 2.86 | 1.98 |
| Cdh | | 1.00 |
| Pdh Tj = +2°C | 3.90 kW | 3.90 kW |
| COP Tj = +2°C | 4.25 | 3.16 |
| Cdh | 1.00 | 1.00 |
| Pdh Tj = +7°C | 3.20 kW | 3.00 kW |
| COP Tj = +7°C | 6.30 | 4.49 |
| Cdh | 1.00 | 1.00 |

This information was generated by the HP KEYMARK database on 17 Dec 2020

| | | |
|--|------------|------------|
| Pdh Tj = 12°C | 3.30 kW | 3.30 kW |
| COP Tj = 12°C | 7.78 | 6.10 |
| Cdh | 1.00 | 1.00 |
| Pdh Tj = Tbiv | 6.10 kW | 6.10 kW |
| COP Tj = Tbiv | 3.07 | 2.12 |
| Pdh Tj = TOL | 6.00 kW | 5.40 kW |
| COP Tj = TOL | 2.49 | 1.53 |
| 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 | 1.60 kW |
| Annual energy consumption Qhe | 3233 kWh | 4441 kWh |

Domestic Hot Water (DHW)

Average Climate

This information was generated by the HP KEYMARK database on 17 Dec 2020

| EN 16147 | |
|---------------------------------|------------|
| Declared load profile | XL |
| Efficiency η_{DHW} | 106 % |
| COP | 2.57 |
| Heating up time | 2:47 h:min |
| Standby power input | 38.2 W |
| Reference hot water temperature | 45.2 °C |
| Mixed water at 40°C | 237 l |

Model: ERGA06DV / ESHB08P50D

General Data

| | |
|--------------|-------------|
| Power supply | 1x230V 50Hz |
|--------------|-------------|

Heating

EN 14511-2

| | Low temperature | Medium temperature |
|------------------------|------------------------|------------------------|
| Heat output | 6.00 kW | 5.80 kW |
| El input | 1.24 kW | 2.15 kW |
| COP | 4.85 | 2.70 |
| Indoor water flow rate | 1.03 m ³ /h | 0.71 m ³ /h |

EN 14511-4

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

Average Climate

This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 12102-1

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level indoor | 39 dB(A) | 39 dB(A) |
| Sound power level outdoor | 60 dB(A) | 60 dB(A) |

EN 14825

| | Low temperature | Medium temperature |
|---------------|-----------------|--------------------|
| η_s | 176 % | 127 % |
| Prated | 7.00 kW | 7.00 kW |
| SCOP | 4.47 | 3.26 |
| Tbiv | -6 °C | -6 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 6.00 kW | 5.90 kW |
| COP Tj = -7°C | 2.86 | 1.98 |
| Cdh | | 1.00 |
| Pdh Tj = +2°C | 3.90 kW | 3.90 kW |
| COP Tj = +2°C | 4.25 | 3.16 |
| Cdh | 1.00 | 1.00 |
| Pdh Tj = +7°C | 3.20 kW | 3.00 kW |
| COP Tj = +7°C | 6.30 | 4.49 |
| Cdh | 1.00 | 1.00 |

This information was generated by the HP KEYMARK database on 17 Dec 2020

| | | |
|--|------------|------------|
| Pdh Tj = 12°C | 3.30 kW | 3.30 kW |
| COP Tj = 12°C | 7.78 | 6.10 |
| Cdh | 1.00 | 1.00 |
| Pdh Tj = Tbiv | 6.10 kW | 6.10 kW |
| COP Tj = Tbiv | 3.07 | 2.12 |
| Pdh Tj = TOL | 6.00 kW | 5.40 kW |
| COP Tj = TOL | 2.49 | 1.53 |
| 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 | 1.60 kW |
| Annual energy consumption Qhe | 3233 kWh | 4441 kWh |

Domestic Hot Water (DHW)

Average Climate

This information was generated by the HP KEYMARK database on 17 Dec 2020

| EN 16147 | |
|---------------------------------|------------|
| Declared load profile | XL |
| Efficiency η_{DHW} | 110 % |
| COP | 2.66 |
| Heating up time | 2:29 h:min |
| Standby power input | 42.0 W |
| Reference hot water temperature | 45.0 °C |
| Mixed water at 40°C | 211 l |

Model: ERGA06DVA / EHSX08P50D

General Data

| | |
|--------------|-------------|
| Power supply | 1x230V 50Hz |
|--------------|-------------|

Heating

EN 14511-2

| | Low temperature | Medium temperature |
|------------------------|------------------------|------------------------|
| Heat output | 6.00 kW | 5.80 kW |
| El input | 1.24 kW | 2.15 kW |
| COP | 4.85 | 2.70 |
| Indoor water flow rate | 1.03 m ³ /h | 0.71 m ³ /h |

EN 14511-4

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

Average Climate

This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 12102-1

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level indoor | 39 dB(A) | 39 dB(A) |
| Sound power level outdoor | 60 dB(A) | 60 dB(A) |

EN 14825

| | Low temperature | Medium temperature |
|---------------|-----------------|--------------------|
| η_s | 178 % | 128 % |
| Prated | 7.00 kW | 7.00 kW |
| SCOP | 4.52 | 3.27 |
| Tbiv | -6 °C | -6 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 6.00 kW | 5.90 kW |
| COP Tj = -7°C | 2.86 | 1.98 |
| Cdh | | 1.00 |
| Pdh Tj = +2°C | 3.90 kW | 3.90 kW |
| COP Tj = +2°C | 4.25 | 3.16 |
| Cdh | 1.00 | 1.00 |
| Pdh Tj = +7°C | 3.20 kW | 3.00 kW |
| COP Tj = +7°C | 6.30 | 4.49 |
| Cdh | 1.00 | 1.00 |

This information was generated by the HP KEYMARK database on 17 Dec 2020

| | | |
|--|------------|------------|
| Pdh Tj = 12°C | 3.30 kW | 3.30 kW |
| COP Tj = 12°C | 7.78 | 6.10 |
| Cdh | 1.00 | 1.00 |
| Pdh Tj = Tbiv | 6.10 kW | 6.10 kW |
| COP Tj = Tbiv | 3.07 | 2.12 |
| Pdh Tj = TOL | 6.00 kW | 4.50 kW |
| COP Tj = TOL | 2.49 | 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 | 2.50 kW |
| Annual energy consumption Qhe | 3196 kWh | 4419 kWh |

Domestic Hot Water (DHW)

Average Climate

This information was generated by the HP KEYMARK database on 17 Dec 2020

| EN 16147 | |
|---------------------------------|------------|
| Declared load profile | XL |
| Efficiency η_{DHW} | 106 % |
| COP | 2.57 |
| Heating up time | 2:47 h:min |
| Standby power input | 38.2 W |
| Reference hot water temperature | 45.2 °C |
| Mixed water at 40°C | 237 l |

Model: ERGA06DVA / EHSXB08P50D

General Data

| | |
|--------------|-------------|
| Power supply | 1x230V 50Hz |
|--------------|-------------|

Heating

EN 14511-2

| | Low temperature | Medium temperature |
|------------------------|------------------------|------------------------|
| Heat output | 6.00 kW | 5.80 kW |
| El input | 1.24 kW | 2.15 kW |
| COP | 4.85 | 2.70 |
| Indoor water flow rate | 1.03 m ³ /h | 0.71 m ³ /h |

EN 14511-4

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

Average Climate

This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 12102-1

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level indoor | 39 dB(A) | 39 dB(A) |
| Sound power level outdoor | 60 dB(A) | 60 dB(A) |

EN 14825

| | Low temperature | Medium temperature |
|---------------|-----------------|--------------------|
| η_s | 178 % | 128 % |
| Prated | 7.00 kW | 7.00 kW |
| SCOP | 4.52 | 3.27 |
| Tbiv | -6 °C | -6 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 6.00 kW | 5.90 kW |
| COP Tj = -7°C | 2.86 | 1.98 |
| Cdh | | 1.00 |
| Pdh Tj = +2°C | 3.90 kW | 3.90 kW |
| COP Tj = +2°C | 4.25 | 3.16 |
| Cdh | 1.00 | 1.00 |
| Pdh Tj = +7°C | 3.20 kW | 3.00 kW |
| COP Tj = +7°C | 6.30 | 4.49 |
| Cdh | 1.00 | 1.00 |

This information was generated by the HP KEYMARK database on 17 Dec 2020

| | | |
|--|------------|------------|
| Pdh Tj = 12°C | 3.30 kW | 3.30 kW |
| COP Tj = 12°C | 7.78 | 6.10 |
| Cdh | 1.00 | 1.00 |
| Pdh Tj = Tbiv | 6.10 kW | 6.10 kW |
| COP Tj = Tbiv | 3.07 | 2.12 |
| Pdh Tj = TOL | 6.00 kW | 4.50 kW |
| COP Tj = TOL | 2.49 | 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 | 2.50 kW |
| Annual energy consumption Qhe | 3196 kWh | 4419 kWh |

Domestic Hot Water (DHW)

Average Climate

This information was generated by the HP KEYMARK database on 17 Dec 2020

| EN 16147 | |
|---------------------------------|------------|
| Declared load profile | XL |
| Efficiency η_{DHW} | 110 % |
| COP | 2.66 |
| Heating up time | 2:29 h:min |
| Standby power input | 42.0 W |
| Reference hot water temperature | 45.0 °C |
| Mixed water at 40°C | 211 l |

Model: ERGA06DVA / ESH08P50D

General Data

| | |
|--------------|-------------|
| Power supply | 1x230V 50Hz |
|--------------|-------------|

Heating

EN 14511-2

| | Low temperature | Medium temperature |
|------------------------|------------------------|------------------------|
| Heat output | 6.00 kW | 5.80 kW |
| El input | 1.24 kW | 2.15 kW |
| COP | 4.85 | 2.70 |
| Indoor water flow rate | 1.03 m ³ /h | 0.71 m ³ /h |

EN 14511-4

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

Average Climate

This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 12102-1

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level indoor | 39 dB(A) | 39 dB(A) |
| Sound power level outdoor | 60 dB(A) | 60 dB(A) |

EN 14825

| | Low temperature | Medium temperature |
|---------------|-----------------|--------------------|
| η_s | 176 % | 127 % |
| Prated | 7.00 kW | 7.00 kW |
| SCOP | 4.47 | 3.25 |
| Tbiv | -6 °C | -6 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 6.00 kW | 5.90 kW |
| COP Tj = -7°C | 2.86 | 1.98 |
| Cdh | | 1.00 |
| Pdh Tj = +2°C | 3.90 kW | 3.90 kW |
| COP Tj = +2°C | 4.25 | 3.16 |
| Cdh | 1.00 | 1.00 |
| Pdh Tj = +7°C | 3.20 kW | 3.00 kW |
| COP Tj = +7°C | 6.30 | 4.49 |
| Cdh | 1.00 | 1.00 |

This information was generated by the HP KEYMARK database on 17 Dec 2020

| | | |
|--|------------|------------|
| Pdh Tj = 12°C | 3.30 kW | 3.30 kW |
| COP Tj = 12°C | 7.78 | 6.10 |
| Cdh | 1.00 | 1.00 |
| Pdh Tj = Tbiv | 6.10 kW | 6.10 kW |
| COP Tj = Tbiv | 3.07 | 2.12 |
| Pdh Tj = TOL | 6.00 kW | 4.50 kW |
| COP Tj = TOL | 2.49 | 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 | 2.50 kW |
| Annual energy consumption Qhe | 3233 kWh | 4456 kWh |

Domestic Hot Water (DHW)

Average Climate

This information was generated by the HP KEYMARK database on 17 Dec 2020

| EN 16147 | |
|---------------------------------|------------|
| Declared load profile | XL |
| Efficiency η_{DHW} | 106 % |
| COP | 2.57 |
| Heating up time | 2:47 h:min |
| Standby power input | 38.2 W |
| Reference hot water temperature | 45.2 °C |
| Mixed water at 40°C | 237 l |

Model: ERGA06DVA / ESHB08P50D

General Data

| | |
|--------------|-------------|
| Power supply | 1x230V 50Hz |
|--------------|-------------|

Heating

EN 14511-2

| | Low temperature | Medium temperature |
|------------------------|------------------------|------------------------|
| Heat output | 6.00 kW | 5.80 kW |
| El input | 1.24 kW | 2.15 kW |
| COP | 4.85 | 2.70 |
| Indoor water flow rate | 1.03 m ³ /h | 0.71 m ³ /h |

EN 14511-4

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

Average Climate

This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 12102-1

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level indoor | 39 dB(A) | 39 dB(A) |
| Sound power level outdoor | 60 dB(A) | 60 dB(A) |

EN 14825

| | Low temperature | Medium temperature |
|---------------|-----------------|--------------------|
| η_s | 176 % | 127 % |
| Prated | 7.00 kW | 7.00 kW |
| SCOP | 4.47 | 3.25 |
| Tbiv | -6 °C | -6 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 6.00 kW | 5.90 kW |
| COP Tj = -7°C | 2.86 | 1.98 |
| Cdh | | 1.00 |
| Pdh Tj = +2°C | 3.90 kW | 3.90 kW |
| COP Tj = +2°C | 4.25 | 3.16 |
| Cdh | 1.00 | 1.00 |
| Pdh Tj = +7°C | 3.20 kW | 3.00 kW |
| COP Tj = +7°C | 6.30 | 4.49 |
| Cdh | 1.00 | 1.00 |

This information was generated by the HP KEYMARK database on 17 Dec 2020

| | | |
|--|------------|------------|
| Pdh Tj = 12°C | 3.30 kW | 3.30 kW |
| COP Tj = 12°C | 7.78 | 6.10 |
| Cdh | 1.00 | 1.00 |
| Pdh Tj = Tbiv | 6.10 kW | 6.10 kW |
| COP Tj = Tbiv | 3.07 | 2.12 |
| Pdh Tj = TOL | 6.00 kW | 4.50 kW |
| COP Tj = TOL | 2.49 | 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 | 2.50 kW |
| Annual energy consumption Qhe | 3233 kWh | 4456 kWh |

Domestic Hot Water (DHW)

Average Climate

This information was generated by the HP KEYMARK database on 17 Dec 2020

| EN 16147 | |
|---------------------------------|------------|
| Declared load profile | XL |
| Efficiency η_{DHW} | 110 % |
| COP | 2.66 |
| Heating up time | 2:29 h:min |
| Standby power input | 42.0 W |
| Reference hot water temperature | 45.0 °C |
| Mixed water at 40°C | 211 l |

Model: ERGA06EV / EHSX08P50D3

General Data

| | |
|--------------|-------------|
| Power supply | 1x230V 50Hz |
|--------------|-------------|

Heating

EN 14511-2

| | Low temperature | Medium temperature |
|------------------------|------------------------|------------------------|
| Heat output | 6.00 kW | 5.80 kW |
| El input | 1.24 kW | 2.15 kW |
| COP | 4.85 | 2.70 |
| Indoor water flow rate | 1.03 m ³ /h | 0.71 m ³ /h |

EN 14511-4

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

Average Climate

This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 12102-1

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level indoor | 39 dB(A) | 39 dB(A) |
| Sound power level outdoor | 60 dB(A) | 60 dB(A) |

EN 14825

| | Low temperature | Medium temperature |
|---------------|-----------------|--------------------|
| η_s | 178 % | 128 % |
| Prated | 7.00 kW | 7.00 kW |
| SCOP | 4.52 | 3.28 |
| Tbiv | -6 °C | -6 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 6.00 kW | 5.90 kW |
| COP Tj = -7°C | 2.86 | 1.98 |
| Cdh | | 1.00 |
| Pdh Tj = +2°C | 3.90 kW | 3.90 kW |
| COP Tj = +2°C | 4.25 | 3.16 |
| Cdh | 1.00 | 1.00 |
| Pdh Tj = +7°C | 3.20 kW | 3.00 kW |
| COP Tj = +7°C | 6.30 | 4.49 |
| Cdh | 1.00 | 1.00 |

This information was generated by the HP KEYMARK database on 17 Dec 2020

| | | |
|--|------------|------------|
| Pdh Tj = 12°C | 3.30 kW | 3.30 kW |
| COP Tj = 12°C | 7.78 | 6.10 |
| Cdh | 1.00 | 1.00 |
| Pdh Tj = Tbiv | 6.10 kW | 6.10 kW |
| COP Tj = Tbiv | 3.07 | 2.12 |
| Pdh Tj = TOL | 6.00 kW | 5.40 kW |
| COP Tj = TOL | 2.49 | 1.53 |
| 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 | 1.60 kW |
| Annual energy consumption Qhe | 3196 kWh | 4405 kWh |

Cooling

EN 14511-2

| | |
|------------------|-------------------|
| | +7°C/+12°C |
| El input | 1.55 kW |
| Cooling capacity | 5.09 |
| EER | 3.28 |

EN 14825

This information was generated by the HP KEYMARK database on 17 Dec 2020

| | |
|---|-------------------|
| | +7°C/+12°C |
| P _{designc} | 5.10 kW |
| SEER | 5.73 |
| P _{dc} T _j = 35°C | 5.09 kW |
| EER T _j = 35°C | 3.28 |
| P _{dc} T _j = 30°C | 3.75 kW |
| EER T _j = 30°C | 4.93 |
| C _{dc} | 1.0 |
| P _{dc} T _j = 25°C | 2.47 kW |
| EER T _j = 25°C | 6.86 |
| C _{dc} | 1.0 |
| P _{dc} T _j = 20°C | 2.52 kW |
| EER T _j = 20°C | 8.36 |
| C _{dc} | 1.0 |
| P _{off} | 10 W |
| PTO | 10 W |
| PSB | 10 W |
| PCK | 0 W |
| Annual energy consumption Q _{ce} | 533 kWh |

Domestic Hot Water (DHW)

Average Climate

This information was generated by the HP KEYMARK database on 17 Dec 2020

| EN 16147 | |
|---------------------------------|------------|
| Declared load profile | XL |
| Efficiency η_{DHW} | 106 % |
| COP | 2.57 |
| Heating up time | 2:47 h:min |
| Standby power input | 38.2 W |
| Reference hot water temperature | 45.2 °C |
| Mixed water at 40°C | 237 l |

Model: ERGA06EV / EHSXB08P50D3

General Data

| | |
|--------------|-------------|
| Power supply | 1x230V 50Hz |
|--------------|-------------|

Heating

EN 14511-2

| | Low temperature | Medium temperature |
|------------------------|------------------------|------------------------|
| Heat output | 6.00 kW | 5.80 kW |
| El input | 1.24 kW | 2.15 kW |
| COP | 4.85 | 2.70 |
| Indoor water flow rate | 1.03 m ³ /h | 0.71 m ³ /h |

EN 14511-4

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

Average Climate

This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 12102-1

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level indoor | 39 dB(A) | 39 dB(A) |
| Sound power level outdoor | 60 dB(A) | 60 dB(A) |

EN 14825

| | Low temperature | Medium temperature |
|---------------|-----------------|--------------------|
| η_s | 178 % | 127 % |
| Prated | 7.00 kW | 7.00 kW |
| SCOP | 4.52 | 3.26 |
| Tbiv | -6 °C | -6 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 6.00 kW | 5.90 kW |
| COP Tj = -7°C | 2.86 | 1.98 |
| Cdh | | 1.00 |
| Pdh Tj = +2°C | 3.90 kW | 3.90 kW |
| COP Tj = +2°C | 4.25 | 3.16 |
| Cdh | 1.00 | 1.00 |
| Pdh Tj = +7°C | 3.20 kW | 3.00 kW |
| COP Tj = +7°C | 6.30 | 4.49 |
| Cdh | 1.00 | 1.00 |

This information was generated by the HP KEYMARK database on 17 Dec 2020

| | | |
|--|------------|------------|
| Pdh Tj = 12°C | 3.30 kW | 3.30 kW |
| COP Tj = 12°C | 7.78 | 6.10 |
| Cdh | 1.00 | 1.00 |
| Pdh Tj = Tbiv | 6.10 kW | 6.10 kW |
| COP Tj = Tbiv | 3.07 | 2.12 |
| Pdh Tj = TOL | 6.00 kW | 5.40 kW |
| COP Tj = TOL | 2.49 | 1.53 |
| 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 | 1.60 kW |
| Annual energy consumption Qhe | 3196 kWh | 4405 kWh |

Cooling

This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 14511-2

| | |
|------------------|-------------------|
| | +7°C/+12°C |
| El input | 1.55 kW |
| Cooling capacity | 5.09 |
| EER | 3.28 |

EN 14825

This information was generated by the HP KEYMARK database on 17 Dec 2020

| | |
|---|-------------------|
| | +7°C/+12°C |
| P _{designc} | 5.10 kW |
| SEER | 5.73 |
| P _{dc} T _j = 35°C | 5.09 kW |
| EER T _j = 35°C | 3.28 |
| P _{dc} T _j = 30°C | 3.75 kW |
| EER T _j = 30°C | 4.93 |
| C _{dc} | 1.0 |
| P _{dc} T _j = 25°C | 2.47 kW |
| EER T _j = 25°C | 6.86 |
| C _{dc} | 1.0 |
| P _{dc} T _j = 20°C | 2.52 kW |
| EER T _j = 20°C | 8.36 |
| C _{dc} | 1.0 |
| P _{off} | 10 W |
| PTO | 10 W |
| PSB | 10 W |
| PCK | 0 W |
| Annual energy consumption Q _{ce} | 533 kWh |

Domestic Hot Water (DHW)

Average Climate

This information was generated by the HP KEYMARK database on 17 Dec 2020

| EN 16147 | |
|---------------------------------|------------|
| Declared load profile | XL |
| Efficiency η_{DHW} | 110 % |
| COP | 2.66 |
| Heating up time | 2:29 h:min |
| Standby power input | 42.0 W |
| Reference hot water temperature | 45.0 °C |
| Mixed water at 40°C | 211 l |

Model: ERGA06EV / ESH08P50D3

General Data

| | |
|--------------|-------------|
| Power supply | 1x230V 50Hz |
|--------------|-------------|

Heating

EN 14511-2

| | Low temperature | Medium temperature |
|------------------------|------------------------|------------------------|
| Heat output | 6.00 kW | 5.80 kW |
| El input | 1.24 kW | 2.15 kW |
| COP | 4.85 | 2.70 |
| Indoor water flow rate | 1.03 m ³ /h | 0.71 m ³ /h |

EN 14511-4

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

Average Climate

This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 12102-1

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level indoor | 39 dB(A) | 39 dB(A) |
| Sound power level outdoor | 60 dB(A) | 60 dB(A) |

EN 14825

| | Low temperature | Medium temperature |
|---------------|-----------------|--------------------|
| η_s | 176 % | 127 % |
| Prated | 7.00 kW | 7.00 kW |
| SCOP | 4.47 | 3.26 |
| Tbiv | -6 °C | -6 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 6.00 kW | 5.90 kW |
| COP Tj = -7°C | 2.86 | 1.98 |
| Cdh | | 1.00 |
| Pdh Tj = +2°C | 3.90 kW | 3.90 kW |
| COP Tj = +2°C | 4.25 | 3.16 |
| Cdh | 1.00 | 1.00 |
| Pdh Tj = +7°C | 3.20 kW | 3.00 kW |
| COP Tj = +7°C | 6.30 | 4.49 |
| Cdh | 1.00 | 1.00 |

This information was generated by the HP KEYMARK database on 17 Dec 2020

| | | |
|--|------------|------------|
| Pdh Tj = 12°C | 3.30 kW | 3.30 kW |
| COP Tj = 12°C | 7.78 | 6.10 |
| Cdh | 1.00 | 1.00 |
| Pdh Tj = Tbiv | 6.10 kW | 6.10 kW |
| COP Tj = Tbiv | 3.07 | 2.12 |
| Pdh Tj = TOL | 6.00 kW | 5.40 kW |
| COP Tj = TOL | 2.49 | 1.53 |
| 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 | 1.60 kW |
| Annual energy consumption Qhe | 3233 kWh | 4441 kWh |

Domestic Hot Water (DHW)

Average Climate

This information was generated by the HP KEYMARK database on 17 Dec 2020

| EN 16147 | |
|---------------------------------|------------|
| Declared load profile | XL |
| Efficiency η_{DHW} | 106 % |
| COP | 2.57 |
| Heating up time | 2:47 h:min |
| Standby power input | 38.2 W |
| Reference hot water temperature | 45.2 °C |
| Mixed water at 40°C | 237 l |

Model: ERGA06EV / ESHB08P50D3

General Data

| | |
|--------------|-----|
| Power supply | n/a |
|--------------|-----|

Heating

EN 14511-2

| | Low temperature | Medium temperature |
|------------------------|------------------------|------------------------|
| Heat output | 6.00 kW | 5.80 kW |
| El input | 1.24 kW | 2.15 kW |
| COP | 4.85 | 2.70 |
| Indoor water flow rate | 1.03 m ³ /h | 0.71 m ³ /h |

EN 14511-4

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

Average Climate

This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 12102-1

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level indoor | 39 dB(A) | 39 dB(A) |
| Sound power level outdoor | 60 dB(A) | 60 dB(A) |

EN 14825

| | Low temperature | Medium temperature |
|---------------|-----------------|--------------------|
| η_s | 176 % | 127 % |
| Prated | 7.00 kW | 7.00 kW |
| SCOP | 4.47 | 3.26 |
| Tbiv | -6 °C | -6 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 6.00 kW | 5.90 kW |
| COP Tj = -7°C | 2.86 | 1.98 |
| Cdh | | 1.00 |
| Pdh Tj = +2°C | 3.90 kW | 3.90 kW |
| COP Tj = +2°C | 4.25 | 3.16 |
| Cdh | 1.00 | 1.00 |
| Pdh Tj = +7°C | 3.20 kW | 3.00 kW |
| COP Tj = +7°C | 6.30 | 4.49 |
| Cdh | 1.00 | 1.00 |

This information was generated by the HP KEYMARK database on 17 Dec 2020

| | | |
|--|------------|------------|
| Pdh Tj = 12°C | 3.30 kW | 3.30 kW |
| COP Tj = 12°C | 7.78 | 6.10 |
| Cdh | 1.00 | 1.00 |
| Pdh Tj = Tbiv | 6.10 kW | 6.10 kW |
| COP Tj = Tbiv | 3.07 | 2.12 |
| Pdh Tj = TOL | 6.00 kW | 5.40 kW |
| COP Tj = TOL | 2.49 | 1.53 |
| 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 | 1.60 kW |
| Annual energy consumption Qhe | 3233 kWh | 4441 kWh |

Domestic Hot Water (DHW)

Average Climate

This information was generated by the HP KEYMARK database on 17 Dec 2020

| EN 16147 | |
|---------------------------------|------------|
| Declared load profile | XL |
| Efficiency η_{DHW} | 110 % |
| COP | 2.66 |
| Heating up time | 2:29 h:min |
| Standby power input | 42.0 W |
| Reference hot water temperature | 45.0 °C |
| Mixed water at 40°C | 211 l |

Model: ERGA06EVA / EHSX08P50D3

General Data

| | |
|--------------|-------------|
| Power supply | 1x230V 50Hz |
|--------------|-------------|

Heating

EN 14511-2

| | Low temperature | Medium temperature |
|------------------------|------------------------|------------------------|
| Heat output | 6.00 kW | 5.80 kW |
| El input | 1.24 kW | 2.15 kW |
| COP | 4.85 | 2.70 |
| Indoor water flow rate | 1.03 m ³ /h | 0.71 m ³ /h |

EN 14511-4

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

Average Climate

This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 12102-1

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level indoor | 39 dB(A) | 39 dB(A) |
| Sound power level outdoor | 60 dB(A) | 60 dB(A) |

EN 14825

| | Low temperature | Medium temperature |
|---------------|-----------------|--------------------|
| η_s | 178 % | 128 % |
| Prated | 7.00 kW | 7.00 kW |
| SCOP | 4.52 | 3.27 |
| Tbiv | -6 °C | -6 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 6.00 kW | 5.90 kW |
| COP Tj = -7°C | 2.86 | 1.98 |
| Cdh | | 1.00 |
| Pdh Tj = +2°C | 3.90 kW | 3.90 kW |
| COP Tj = +2°C | 4.25 | 3.16 |
| Cdh | 1.00 | 1.00 |
| Pdh Tj = +7°C | 3.20 kW | 3.00 kW |
| COP Tj = +7°C | 6.30 | 4.49 |
| Cdh | 1.00 | 1.00 |

This information was generated by the HP KEYMARK database on 17 Dec 2020

| | | |
|--|------------|------------|
| Pdh Tj = 12°C | 3.30 kW | 3.30 kW |
| COP Tj = 12°C | 7.78 | 6.10 |
| Cdh | 1.00 | 1.00 |
| Pdh Tj = Tbiv | 6.10 kW | 6.10 kW |
| COP Tj = Tbiv | 3.07 | 2.12 |
| Pdh Tj = TOL | 6.00 kW | 4.50 kW |
| COP Tj = TOL | 2.49 | 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 | 2.50 kW |
| Annual energy consumption Qhe | 3196 kWh | 4419 kWh |

Cooling

EN 14511-2

| | |
|------------------|-------------------|
| | +7°C/+12°C |
| El input | 1.55 kW |
| Cooling capacity | 5.09 |
| EER | 3.28 |

EN 14825

This information was generated by the HP KEYMARK database on 17 Dec 2020

| | |
|---|-------------------|
| | +7°C/+12°C |
| P _{designc} | 5.10 kW |
| SEER | 5.73 |
| P _{dc} T _j = 35°C | 5.09 kW |
| EER T _j = 35°C | 3.28 |
| P _{dc} T _j = 30°C | 3.75 kW |
| EER T _j = 30°C | 4.93 |
| C _{dc} | 1.0 |
| P _{dc} T _j = 25°C | 2.47 kW |
| EER T _j = 25°C | 6.86 |
| C _{dc} | 1.0 |
| P _{dc} T _j = 20°C | 2.52 kW |
| EER T _j = 20°C | 8.36 |
| C _{dc} | 1.0 |
| P _{off} | 10 W |
| PTO | 10 W |
| PSB | 10 W |
| PCK | 0 W |
| Annual energy consumption Q _{ce} | 533 kWh |

Domestic Hot Water (DHW)

Average Climate

This information was generated by the HP KEYMARK database on 17 Dec 2020

| EN 16147 | |
|---------------------------------|------------|
| Declared load profile | XL |
| Efficiency η_{DHW} | 106 % |
| COP | 2.57 |
| Heating up time | 2:47 h:min |
| Standby power input | 38.2 W |
| Reference hot water temperature | 45.2 °C |
| Mixed water at 40°C | 237 l |

Model: ERGA06EVA / EHSXB08P50D3

General Data

| | |
|--------------|-------------|
| Power supply | 1x230V 50Hz |
|--------------|-------------|

Heating

EN 14511-2

| | Low temperature | Medium temperature |
|------------------------|------------------------|------------------------|
| Heat output | 6.00 kW | 5.80 kW |
| El input | 1.24 kW | 2.15 kW |
| COP | 4.85 | 2.70 |
| Indoor water flow rate | 1.03 m ³ /h | 0.71 m ³ /h |

EN 14511-4

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

Average Climate

This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 12102-1

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level indoor | 39 dB(A) | 39 dB(A) |
| Sound power level outdoor | 60 dB(A) | 60 dB(A) |

EN 14825

| | Low temperature | Medium temperature |
|---------------|-----------------|--------------------|
| η_s | 178 % | 128 % |
| Prated | 7.00 kW | 7.00 kW |
| SCOP | 4.52 | 3.27 |
| Tbiv | -6 °C | -6 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 6.00 kW | 5.90 kW |
| COP Tj = -7°C | 2.86 | 1.98 |
| Cdh | | 1.00 |
| Pdh Tj = +2°C | 3.90 kW | 3.90 kW |
| COP Tj = +2°C | 4.25 | 3.16 |
| Cdh | 1.00 | 1.00 |
| Pdh Tj = +7°C | 3.20 kW | 3.00 kW |
| COP Tj = +7°C | 6.30 | 4.49 |
| Cdh | 1.00 | 1.00 |

This information was generated by the HP KEYMARK database on 17 Dec 2020

| | | |
|--|------------|------------|
| Pdh Tj = 12°C | 3.30 kW | 3.30 kW |
| COP Tj = 12°C | 7.78 | 6.10 |
| Cdh | 1.00 | 1.00 |
| Pdh Tj = Tbiv | 6.10 kW | 6.10 kW |
| COP Tj = Tbiv | 3.07 | 2.12 |
| Pdh Tj = TOL | 6.00 kW | 4.50 kW |
| COP Tj = TOL | 2.49 | 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 | 2.50 kW |
| Annual energy consumption Qhe | 3196 kWh | 4419 kWh |

Cooling

EN 14825

This information was generated by the HP KEYMARK database on 17 Dec 2020

| | |
|---|-------------------|
| | +7°C/+12°C |
| P _{designc} | 5.10 kW |
| SEER | 5.73 |
| P _{dc} T _j = 35°C | 5.09 kW |
| EER T _j = 35°C | 3.28 |
| P _{dc} T _j = 30°C | 3.75 kW |
| EER T _j = 30°C | 4.93 |
| C _{dc} | 1.0 |
| P _{dc} T _j = 25°C | 2.47 kW |
| EER T _j = 25°C | 6.86 |
| C _{dc} | 1.0 |
| P _{dc} T _j = 20°C | 2.52 kW |
| EER T _j = 20°C | 8.36 |
| C _{dc} | 1.0 |
| P _{off} | 10 W |
| PTO | 10 W |
| PSB | 10 W |
| PCK | 0 W |
| Annual energy consumption Q _{ce} | 533 kWh |

This information was generated by the HP KEYMARK database on 17 Dec 2020

| EN 14511-2 | |
|-------------------|-------------------|
| | +7°C/+12°C |
| El input | 1.55 kW |
| Cooling capacity | 5.09 |
| EER | 3.28 |

Domestic Hot Water (DHW)

Average Climate

| EN 16147 | |
|---------------------------------|------------|
| | |
| Declared load profile | XL |
| Efficiency η_{DHW} | 110 % |
| COP | 2.66 |
| Heating up time | 2:29 h:min |
| Standby power input | 42.0 W |
| Reference hot water temperature | 45.0 °C |
| Mixed water at 40°C | 211 l |

Model: ERGA06EVA / ESH08P50D3

General Data

| | |
|--------------|-------------|
| Power supply | 1x230V 50Hz |
|--------------|-------------|

Heating

EN 14511-2

| | Low temperature | Medium temperature |
|------------------------|------------------------|------------------------|
| Heat output | 6.00 kW | 5.80 kW |
| El input | 1.24 kW | 2.15 kW |
| COP | 4.85 | 2.70 |
| Indoor water flow rate | 1.03 m ³ /h | 0.71 m ³ /h |

EN 14511-4

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

Average Climate

This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 12102-1

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level indoor | 39 dB(A) | 39 dB(A) |
| Sound power level outdoor | 60 dB(A) | 60 dB(A) |

EN 14825

| | Low temperature | Medium temperature |
|---------------|-----------------|--------------------|
| η_s | 176 % | 127 % |
| Prated | 7.00 kW | 7.00 kW |
| SCOP | 4.47 | 3.25 |
| Tbiv | -6 °C | -6 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 6.00 kW | 5.90 kW |
| COP Tj = -7°C | 2.86 | 1.98 |
| Cdh | | 1.00 |
| Pdh Tj = +2°C | 3.90 kW | 3.90 kW |
| COP Tj = +2°C | 4.25 | 3.16 |
| Cdh | 1.00 | 1.00 |
| Pdh Tj = +7°C | 3.20 kW | 3.00 kW |
| COP Tj = +7°C | 6.30 | 4.49 |
| Cdh | 1.00 | 1.00 |

This information was generated by the HP KEYMARK database on 17 Dec 2020

| | | |
|--|------------|------------|
| Pdh Tj = 12°C | 3.30 kW | 3.30 kW |
| COP Tj = 12°C | 7.78 | 6.10 |
| Cdh | 1.00 | 1.00 |
| Pdh Tj = Tbiv | 6.10 kW | 6.10 kW |
| COP Tj = Tbiv | 3.07 | 2.12 |
| Pdh Tj = TOL | 6.00 kW | 4.50 kW |
| COP Tj = TOL | 2.49 | 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 | 2.50 kW |
| Annual energy consumption Qhe | 3233 kWh | 4456 kWh |

Domestic Hot Water (DHW)

Average Climate

This information was generated by the HP KEYMARK database on 17 Dec 2020

| EN 16147 | |
|---------------------------------|------------|
| Declared load profile | XL |
| Efficiency η_{DHW} | 106 % |
| COP | 2.57 |
| Heating up time | 2:47 h:min |
| Standby power input | 38.2 W |
| Reference hot water temperature | 45.2 °C |
| Mixed water at 40°C | 237 l |

Model: ERGA06EVA / ESHB08P50D3

General Data

| | |
|--------------|-------------|
| Power supply | 1x230V 50Hz |
|--------------|-------------|

Heating

EN 14511-2

| | Low temperature | Medium temperature |
|------------------------|------------------------|------------------------|
| Heat output | 6.00 kW | 5.80 kW |
| El input | 1.24 kW | 2.15 kW |
| COP | 4.85 | 2.70 |
| Indoor water flow rate | 1.03 m ³ /h | 0.71 m ³ /h |

EN 14511-4

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

Average Climate

This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 12102-1

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level indoor | 39 dB(A) | 39 dB(A) |
| Sound power level outdoor | 60 dB(A) | 60 dB(A) |

EN 14825

| | Low temperature | Medium temperature |
|---------------|-----------------|--------------------|
| η_s | 176 % | 127 % |
| Prated | 7.00 kW | 7.00 kW |
| SCOP | 4.47 | 3.25 |
| Tbiv | -6 °C | -6 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 6.00 kW | 5.90 kW |
| COP Tj = -7°C | 2.86 | 1.98 |
| Cdh | | 1.00 |
| Pdh Tj = +2°C | 3.90 kW | 3.90 kW |
| COP Tj = +2°C | 4.25 | 3.16 |
| Cdh | 1.00 | 1.00 |
| Pdh Tj = +7°C | 3.20 kW | 3.00 kW |
| COP Tj = +7°C | 6.30 | 4.49 |
| Cdh | 1.00 | 1.00 |

This information was generated by the HP KEYMARK database on 17 Dec 2020

| | | |
|--|------------|------------|
| Pdh Tj = 12°C | 3.30 kW | 3.30 kW |
| COP Tj = 12°C | 7.78 | 6.10 |
| Cdh | 1.00 | 1.00 |
| Pdh Tj = Tbiv | 6.10 kW | 6.10 kW |
| COP Tj = Tbiv | 3.07 | 2.12 |
| Pdh Tj = TOL | 6.00 kW | 4.50 kW |
| COP Tj = TOL | 2.49 | 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 | 2.50 kW |
| Annual energy consumption Qhe | 3233 kWh | 4456 kWh |

Domestic Hot Water (DHW)

Average Climate

This information was generated by the HP KEYMARK database on 17 Dec 2020

| EN 16147 | |
|---------------------------------|------------|
| Declared load profile | XL |
| Efficiency η_{DHW} | 110 % |
| COP | 2.66 |
| Heating up time | 2:29 h:min |
| Standby power input | 42.0 W |
| Reference hot water temperature | 45.0 °C |
| Mixed water at 40°C | 211 l |