

This information was generated by the HP KEYMARK database on 22 Jun 2022

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| | | | |
|---------------------|---|----------|------------|
| Summary of | DAIKIN ALTHERMA 3 R 7 F/W 4KW (180L) | Reg. No. | 011-1W0365 |
| Certificate Holder | | | |
| Name | DAIKIN Europe N.V. | | |
| Address | Zandvoordestraat 300 | Zip | B-8400 |
| City | Oostende | Country | Belgium |
| Certification Body | DIN CERTCO Gesellschaft für Konformitätsbewertung mbH | | |
| Subtype title | DAIKIN ALTHERMA 3 R 7 F/W 4KW (180L) | | |
| Heat Pump Type | Outdoor Air/Water | | |
| Refrigerant | R32 | | |
| Mass of Refrigerant | 1.5 kg | | |
| Certification Date | 09.04.2020 | | |

Model: ERGA04DV7 / EHBH04D6V

| Configure model | |
|-------------------------------------|-----------------------|
| Model name | ERGA04DV7 / EHBH04D6V |
| Application | Heating (medium temp) |
| Units | Indoor + Outdoor |
| Climate Zone | n/a |
| Reversibility | No |
| Cooling mode application (optional) | n/a |

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

Heating

| EN 14511-2 | | |
|-------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Heat output | 4.36 kW | 4.90 kW |
| El input | 0.83 kW | 1.85 kW |
| COP | 5.23 | 2.65 |

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

Cooling

EN 14511-2

| | |
|------------------|-------------------|
| | +7°C/+12°C |
| El input | 1.36 kW |
| Cooling capacity | 4.52 |
| EER | 3.32 |

EN 14825

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| | |
|---|-------------------|
| | +7°C/+12°C |
| P _{designc} | 4.50 kW |
| SEER | 5.66 |
| P _{dc} T _j = 35°C | 4.52 kW |
| EER T _j = 35°C | 3.32 |
| P _{dc} T _j = 30°C | 3.14 kW |
| EER T _j = 30°C | 5.11 |
| C _{dc} | 1.0 |
| P _{dc} T _j = 25°C | 2.43 kW |
| EER T _j = 25°C | 6.69 |
| C _{dc} | 1.0 |
| P _{dc} T _j = 20°C | 2.50 kW |
| EER T _j = 20°C | 8.24 |
| C _{dc} | 1.0 |
| P _{off} | 10 W |
| PTO | 10 W |
| PSB | 10 W |
| PCK | 0 W |
| Annual energy consumption Q _{ce} | 480 kWh |

Average Climate

This information was generated by the HP KEYMARK database on 22 Jun 2022

EN 12102-1

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level indoor | 42 dB(A) | 42 dB(A) |
| Sound power level outdoor | 58 dB(A) | 58 dB(A) |

EN 14825

| | Low temperature | Medium temperature |
|----------------|-----------------|--------------------|
| η_s | 192 % | 127 % |
| Prated | 6.0 kW | 6.0 kW |
| SCOP | 4.88 | 3.26 |
| Tbiv | -7 °C | -7 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 6.2 kW | 5.3 kW |
| COP Tj = -7°C | 3.23 | 1.97 |
| Cdh Tj = -7 °C | 1.00 | 1.0 |
| Pdh Tj = +2°C | 3.7 kW | 3.3 kW |
| COP Tj = +2°C | 4.94 | 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 |

This information was generated by the HP KEYMARK database on 22 Jun 2022

| | | |
|---|-------------|-------------|
| 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 | 6.2 kW | 5.3 kW |
| COP Tj = Tbiv | 3.23 | 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 |
| 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 | 2538 kWh | 3806 kWh |

Model: ERGA04DV7 / EHBX04D6V

| Configure model | |
|-------------------------------------|-----------------------|
| Model name | ERGA04DV7 / EHBX04D6V |
| Application | Heating (medium temp) |
| Units | Indoor + Outdoor |
| Climate Zone | n/a |
| Reversibility | Yes |
| Cooling mode application (optional) | +7°C/12°C |

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

Heating

| EN 14511-2 | | |
|-------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Heat output | 4.36 kW | 4.90 kW |
| El input | 0.83 kW | 1.85 kW |
| COP | 5.23 | 2.65 |

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

Cooling

EN 14511-2

| | |
|------------------|-------------------|
| | +7°C/+12°C |
| El input | 1.36 kW |
| Cooling capacity | 4.52 |
| EER | 3.32 |

EN 14825

This information was generated by the HP KEYMARK database on 22 Jun 2022

| | |
|---|-------------------|
| | +7°C/+12°C |
| P _{designc} | 4.50 kW |
| SEER | 5.66 |
| P _{dc} T _j = 35°C | 4.52 kW |
| EER T _j = 35°C | 3.32 |
| P _{dc} T _j = 30°C | 3.14 kW |
| EER T _j = 30°C | 5.11 |
| C _{dc} | 1.0 |
| P _{dc} T _j = 25°C | 2.43 kW |
| EER T _j = 25°C | 6.69 |
| C _{dc} | 1.0 |
| P _{dc} T _j = 20°C | 2.50 kW |
| EER T _j = 20°C | 8.24 |
| C _{dc} | 1.0 |
| P _{off} | 10 W |
| PTO | 10 W |
| PSB | 10 W |
| PCK | 0 W |
| Annual energy consumption Q _{ce} | 480 kWh |

Average Climate

EN 12102-1

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level indoor | 42 dB(A) | 42 dB(A) |
| Sound power level outdoor | 58 dB(A) | 58 dB(A) |

EN 14825

| | Low temperature | Medium temperature |
|----------------|-----------------|--------------------|
| η_s | 195 % | 129 % |
| Prated | 6.0 kW | 6.0 kW |
| SCOP | 4.96 | 3.29 |
| Tbiv | -7 °C | -7 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 6.2 kW | 5.3 kW |
| COP Tj = -7°C | 3.23 | 1.97 |
| Cdh Tj = -7 °C | 1.00 | 1.0 |
| Pdh Tj = +2°C | 3.7 kW | 3.3 kW |
| COP Tj = +2°C | 4.94 | 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 |

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| | | |
|---|-------------|-------------|
| 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 | 6.2 kW | 5.3 kW |
| COP Tj = Tbiv | 3.23 | 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 |
| 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 | 2501 kWh | 3769 kWh |

Model: ERGA04DV7 / EHVH04S18D6V

| Configure model | |
|-------------------------------------|--------------------------|
| Model name | ERGA04DV7 / EHVH04S18D6V |
| Application | Heating + DHW + low temp |
| Units | Indoor + Outdoor |
| Climate Zone | n/a |
| Reversibility | No |
| Cooling mode application (optional) | n/a |

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

Heating

| EN 14511-2 | | |
|-------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Heat output | 4.36 kW | 4.90 kW |
| El input | 0.83 kW | 1.85 kW |
| COP | 5.23 | 2.65 |

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

Cooling

EN 14511-2

| | |
|------------------|-------------------|
| | +7°C/+12°C |
| El input | 1.36 kW |
| Cooling capacity | 4.52 |
| EER | 3.32 |

EN 14825

This information was generated by the HP KEYMARK database on 22 Jun 2022

| | |
|---|-------------------|
| | +7°C/+12°C |
| P _{designc} | 4.50 kW |
| SEER | 5.66 |
| P _{dc} T _j = 35°C | 4.52 kW |
| EER T _j = 35°C | 3.32 |
| P _{dc} T _j = 30°C | 3.14 kW |
| EER T _j = 30°C | 5.11 |
| C _{dc} | 1.0 |
| P _{dc} T _j = 25°C | 2.43 kW |
| EER T _j = 25°C | 6.69 |
| C _{dc} | 1.0 |
| P _{dc} T _j = 20°C | 2.50 kW |
| EER T _j = 20°C | 8.24 |
| C _{dc} | 1.0 |
| P _{off} | 10 W |
| PTO | 10 W |
| PSB | 10 W |
| PCK | 0 W |
| Annual energy consumption Q _{ce} | 480 kWh |

Average Climate

EN 12102-1

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level indoor | 42 dB(A) | 42 dB(A) |
| Sound power level outdoor | 58 dB(A) | 58 dB(A) |

EN 14825

| | Low temperature | Medium temperature |
|----------------|-----------------|--------------------|
| η_s | 192 % | 127 % |
| Prated | 6.0 kW | 6.0 kW |
| SCOP | 4.88 | 3.26 |
| Tbiv | -7 °C | -7 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 6.2 kW | 5.3 kW |
| COP Tj = -7°C | 3.23 | 1.97 |
| Cdh Tj = -7 °C | 1.00 | 1.0 |
| Pdh Tj = +2°C | 3.7 kW | 3.3 kW |
| COP Tj = +2°C | 4.94 | 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 |

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| | | |
|---|-------------|-------------|
| 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 | 6.2 kW | 5.3 kW |
| COP Tj = Tbiv | 3.23 | 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 |
| 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 | 2538 kWh | 3806 kWh |

Domestic Hot Water (DHW)

Average Climate

| EN 16147 | |
|---------------------------------|------------|
| Declared load profile | L |
| Efficiency η_{DHW} | 98 % |
| COP | 2.38 |
| Heating up time | 1:41 h:min |
| Standby power input | 25.7 W |
| Reference hot water temperature | 52.0 °C |
| Mixed water at 40°C | 236 l |

Model: ERGA04DV7 / EHVX04S18D3V

| Configure model | |
|-------------------------------------|--------------------------|
| Model name | ERGA04DV7 / EHVX04S18D3V |
| Application | Heating + DHW + low temp |
| Units | Indoor + Outdoor |
| Climate Zone | n/a |
| Reversibility | Yes |
| Cooling mode application (optional) | +7°C/12°C |

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

Heating

| EN 14511-2 | | |
|-------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Heat output | 4.36 kW | 4.90 kW |
| El input | 0.83 kW | 1.85 kW |
| COP | 5.23 | 2.65 |

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

Cooling

EN 14511-2

| | |
|------------------|-------------------|
| | +7°C/+12°C |
| El input | 1.36 kW |
| Cooling capacity | 4.52 |
| EER | 3.32 |

EN 14825

This information was generated by the HP KEYMARK database on 22 Jun 2022

| | |
|---|-------------------|
| | +7°C/+12°C |
| P _{designc} | 4.50 kW |
| SEER | 5.66 |
| P _{dc} T _j = 35°C | 4.52 kW |
| EER T _j = 35°C | 3.32 |
| P _{dc} T _j = 30°C | 3.14 kW |
| EER T _j = 30°C | 5.11 |
| C _{dc} | 1.0 |
| P _{dc} T _j = 25°C | 2.43 kW |
| EER T _j = 25°C | 6.69 |
| C _{dc} | 1.0 |
| P _{dc} T _j = 20°C | 2.50 kW |
| EER T _j = 20°C | 8.24 |
| C _{dc} | 1.0 |
| P _{off} | 10 W |
| PTO | 10 W |
| PSB | 10 W |
| PCK | 0 W |
| Annual energy consumption Q _{ce} | 480 kWh |

Average Climate

EN 12102-1

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level indoor | 42 dB(A) | 42 dB(A) |
| Sound power level outdoor | 58 dB(A) | 58 dB(A) |

EN 14825

| | Low temperature | Medium temperature |
|----------------|-----------------|--------------------|
| η_s | 195 % | 129 % |
| Prated | 6.0 kW | 6.0 kW |
| SCOP | 4.96 | 3.29 |
| Tbiv | -7 °C | -7 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 6.2 kW | 5.3 kW |
| COP Tj = -7°C | 3.23 | 1.97 |
| Cdh Tj = -7 °C | 1.00 | 1.0 |
| Pdh Tj = +2°C | 3.7 kW | 3.3 kW |
| COP Tj = +2°C | 4.94 | 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 |

This information was generated by the HP KEYMARK database on 22 Jun 2022

| | | |
|---|-------------|-------------|
| 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 | 6.2 kW | 5.3 kW |
| COP Tj = Tbiv | 3.23 | 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 |
| 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 | 2501 kWh | 3769 kWh |

Domestic Hot Water (DHW)

Average Climate

This information was generated by the HP KEYMARK database on 22 Jun 2022

| EN 16147 | |
|---------------------------------|------------|
| Declared load profile | L |
| Efficiency η_{DHW} | 99 % |
| COP | 2.44 |
| Heating up time | 1:41 h:min |
| Standby power input | 21.8 W |
| Reference hot water temperature | 52.0 °C |
| Mixed water at 40°C | 236 l |

Model: ERGA04DV7 / EHVX04S18D6V

| Configure model | |
|-------------------------------------|--------------------------|
| Model name | ERGA04DV7 / EHVX04S18D6V |
| Application | Heating + DHW + low temp |
| Units | Indoor + Outdoor |
| Climate Zone | n/a |
| Reversibility | Yes |
| Cooling mode application (optional) | +7°C/12°C |

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

Heating

| EN 14511-2 | | |
|-------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Heat output | 4.36 kW | 4.90 kW |
| El input | 0.83 kW | 1.85 kW |
| COP | 5.23 | 2.65 |

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

Cooling

EN 14511-2

| | |
|------------------|-------------------|
| | +7°C/+12°C |
| El input | 1.36 kW |
| Cooling capacity | 4.52 |
| EER | 3.32 |

EN 14825

This information was generated by the HP KEYMARK database on 22 Jun 2022

| | |
|---|-------------------|
| | +7°C/+12°C |
| P _{designc} | 4.50 kW |
| SEER | 5.66 |
| P _{dc} T _j = 35°C | 4.52 kW |
| EER T _j = 35°C | 3.32 |
| P _{dc} T _j = 30°C | 3.14 kW |
| EER T _j = 30°C | 5.11 |
| C _{dc} | 1.0 |
| P _{dc} T _j = 25°C | 2.43 kW |
| EER T _j = 25°C | 6.69 |
| C _{dc} | 1.0 |
| P _{dc} T _j = 20°C | 2.50 kW |
| EER T _j = 20°C | 8.24 |
| C _{dc} | 1.0 |
| P _{off} | 10 W |
| PTO | 10 W |
| PSB | 10 W |
| PCK | 0 W |
| Annual energy consumption Q _{ce} | 480 kWh |

Average Climate

EN 12102-1

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level indoor | 42 dB(A) | 42 dB(A) |
| Sound power level outdoor | 58 dB(A) | 58 dB(A) |

EN 14825

| | Low temperature | Medium temperature |
|----------------|-----------------|--------------------|
| η_s | 195 % | 129 % |
| Prated | 6.0 kW | 6.0 kW |
| SCOP | 4.96 | 3.29 |
| Tbiv | -7 °C | -7 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 6.2 kW | 5.3 kW |
| COP Tj = -7°C | 3.23 | 1.97 |
| Cdh Tj = -7 °C | 1.00 | 1.0 |
| Pdh Tj = +2°C | 3.7 kW | 3.3 kW |
| COP Tj = +2°C | 4.94 | 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 |

This information was generated by the HP KEYMARK database on 22 Jun 2022

| | | |
|---|-------------|-------------|
| 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 | 6.2 kW | 5.3 kW |
| COP Tj = Tbiv | 3.23 | 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 |
| 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 | 2501 kWh | 3769 kWh |

Domestic Hot Water (DHW)

Average Climate

This information was generated by the HP KEYMARK database on 22 Jun 2022

| EN 16147 | |
|---------------------------------|------------|
| Declared load profile | L |
| Efficiency η_{DHW} | 98 % |
| COP | 2.38 |
| Heating up time | 1:41 h:min |
| Standby power input | 25.7 W |
| Reference hot water temperature | 52.0 °C |
| Mixed water at 40°C | 236 l |

Model: ERGA04EV7 / EHBH04E6V

| Configure model | |
|-------------------------------------|-----------------------|
| Model name | ERGA04EV7 / EHBH04E6V |
| Application | Heating (medium temp) |
| Units | Indoor + Outdoor |
| Climate Zone | n/a |
| Reversibility | No |
| Cooling mode application (optional) | n/a |

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

Heating

| EN 14511-2 | | |
|-------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Heat output | 4.36 kW | 4.90 kW |
| El input | 0.83 kW | 1.85 kW |
| COP | 5.23 | 2.65 |

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

Cooling

EN 14511-2

| | |
|------------------|-------------------|
| | +7°C/+12°C |
| El input | 1.36 kW |
| Cooling capacity | 4.52 |
| EER | 3.32 |

EN 14825

This information was generated by the HP KEYMARK database on 22 Jun 2022

| | |
|---|-------------------|
| | +7°C/+12°C |
| P _{designc} | 4.50 kW |
| SEER | 5.66 |
| P _{dc} T _j = 35°C | 4.52 kW |
| EER T _j = 35°C | 3.32 |
| P _{dc} T _j = 30°C | 3.14 kW |
| EER T _j = 30°C | 5.11 |
| C _{dc} | 1.0 |
| P _{dc} T _j = 25°C | 2.43 kW |
| EER T _j = 25°C | 6.69 |
| C _{dc} | 1.0 |
| P _{dc} T _j = 20°C | 2.50 kW |
| EER T _j = 20°C | 8.24 |
| C _{dc} | 1.0 |
| P _{off} | 10 W |
| PTO | 10 W |
| PSB | 10 W |
| PCK | 0 W |
| Annual energy consumption Q _{ce} | 480 kWh |

Average Climate

EN 12102-1

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level indoor | 42 dB(A) | 42 dB(A) |
| Sound power level outdoor | 58 dB(A) | 58 dB(A) |

EN 14825

| | Low temperature | Medium temperature |
|----------------|-----------------|--------------------|
| η_s | 192 % | 127 % |
| Prated | 6.0 kW | 6.0 kW |
| SCOP | 4.88 | 3.26 |
| Tbiv | -7 °C | -7 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 6.2 kW | 5.3 kW |
| COP Tj = -7°C | 3.23 | 1.97 |
| Cdh Tj = -7 °C | 1.00 | 1.0 |
| Pdh Tj = +2°C | 3.7 kW | 3.3 kW |
| COP Tj = +2°C | 4.94 | 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 |

This information was generated by the HP KEYMARK database on 22 Jun 2022

| | | |
|---|-------------|-------------|
| 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 | 6.2 kW | 5.3 kW |
| COP Tj = Tbiv | 3.23 | 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 |
| 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 | 2538 kWh | 3806 kWh |

Model: ERGA04EV7 / EHBX04E6V

| Configure model | |
|-------------------------------------|-----------------------|
| Model name | ERGA04EV7 / EHBX04E6V |
| Application | Heating (medium temp) |
| Units | Indoor + Outdoor |
| Climate Zone | n/a |
| Reversibility | Yes |
| Cooling mode application (optional) | +7°C/12°C |

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

Heating

| EN 14511-2 | | |
|-------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Heat output | 4.36 kW | 4.90 kW |
| El input | 0.83 kW | 1.85 kW |
| COP | 5.23 | 2.65 |

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

Cooling

EN 14511-2

| | |
|------------------|-------------------|
| | +7°C/+12°C |
| El input | 1.36 kW |
| Cooling capacity | 4.52 |
| EER | 3.32 |

EN 14825

This information was generated by the HP KEYMARK database on 22 Jun 2022

| | |
|---|-------------------|
| | +7°C/+12°C |
| P _{designc} | 4.50 kW |
| SEER | 5.66 |
| P _{dc} T _j = 35°C | 4.52 kW |
| EER T _j = 35°C | 3.32 |
| P _{dc} T _j = 30°C | 3.14 kW |
| EER T _j = 30°C | 5.11 |
| C _{dc} | 1.0 |
| P _{dc} T _j = 25°C | 2.43 kW |
| EER T _j = 25°C | 6.69 |
| C _{dc} | 1.0 |
| P _{dc} T _j = 20°C | 2.50 kW |
| EER T _j = 20°C | 8.24 |
| C _{dc} | 1.0 |
| P _{off} | 10 W |
| PTO | 10 W |
| PSB | 10 W |
| PCK | 0 W |
| Annual energy consumption Q _{ce} | 480 kWh |

Average Climate

EN 12102-1

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level indoor | 42 dB(A) | 42 dB(A) |
| Sound power level outdoor | 58 dB(A) | 58 dB(A) |

EN 14825

| | Low temperature | Medium temperature |
|----------------|-----------------|--------------------|
| η_s | 195 % | 129 % |
| Prated | 6.0 kW | 6.0 kW |
| SCOP | 4.96 | 3.29 |
| Tbiv | -7 °C | -7 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 6.2 kW | 5.3 kW |
| COP Tj = -7°C | 3.23 | 1.97 |
| Cdh Tj = -7 °C | 1.00 | 1.0 |
| Pdh Tj = +2°C | 3.7 kW | 3.3 kW |
| COP Tj = +2°C | 4.94 | 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 |

This information was generated by the HP KEYMARK database on 22 Jun 2022

| | | |
|---|-------------|-------------|
| 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 | 6.2 kW | 5.3 kW |
| COP Tj = Tbiv | 3.23 | 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 |
| 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 | 2501 kWh | 3769 kWh |

Model: ERGA04EV7 / EHVH04S18E6V

Configure model

| | |
|-------------------------------------|--------------------------|
| Model name | ERGA04EV7 / EHVH04S18E6V |
| Application | Heating + DHW + low temp |
| Units | Indoor + Outdoor |
| Climate Zone | n/a |
| Reversibility | No |
| Cooling mode application (optional) | n/a |

General Data

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

Heating

EN 14511-2

| | Low temperature | Medium temperature |
|-------------|-----------------|--------------------|
| Heat output | 4.36 kW | 4.90 kW |
| El input | 0.83 kW | 1.85 kW |
| COP | 5.23 | 2.65 |

EN 14511-4

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

Cooling

EN 14511-2

| | |
|------------------|-------------------|
| | +7°C/+12°C |
| El input | 1.36 kW |
| Cooling capacity | 4.52 |
| EER | 3.32 |

EN 14825

This information was generated by the HP KEYMARK database on 22 Jun 2022

| | |
|---|-------------------|
| | +7°C/+12°C |
| P _{designc} | 4.50 kW |
| SEER | 5.66 |
| P _{dc} T _j = 35°C | 4.52 kW |
| EER T _j = 35°C | 3.32 |
| P _{dc} T _j = 30°C | 3.14 kW |
| EER T _j = 30°C | 5.11 |
| C _{dc} | 1.0 |
| P _{dc} T _j = 25°C | 2.43 kW |
| EER T _j = 25°C | 6.69 |
| C _{dc} | 1.0 |
| P _{dc} T _j = 20°C | 2.50 kW |
| EER T _j = 20°C | 8.24 |
| C _{dc} | 1.0 |
| P _{off} | 10 W |
| PTO | 10 W |
| PSB | 10 W |
| PCK | 0 W |
| Annual energy consumption Q _{ce} | 480 kWh |

Average Climate

EN 12102-1

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level indoor | 42 dB(A) | 42 dB(A) |
| Sound power level outdoor | 58 dB(A) | 58 dB(A) |

EN 14825

| | Low temperature | Medium temperature |
|----------------|-----------------|--------------------|
| η_s | 192 % | 127 % |
| Prated | 6.0 kW | 6.0 kW |
| SCOP | 4.88 | 3.26 |
| Tbiv | -7 °C | -7 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 6.2 kW | 5.3 kW |
| COP Tj = -7°C | 3.23 | 1.97 |
| Cdh Tj = -7 °C | 1.00 | 1.0 |
| Pdh Tj = +2°C | 3.7 kW | 3.3 kW |
| COP Tj = +2°C | 4.94 | 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 |

This information was generated by the HP KEYMARK database on 22 Jun 2022

| | | |
|---|-------------|-------------|
| 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 | 6.2 kW | 5.3 kW |
| COP Tj = Tbiv | 3.23 | 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 |
| 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 | 2538 kWh | 3806 kWh |

Domestic Hot Water (DHW)

Average Climate

| EN 16147 | |
|---------------------------------|------------|
| Declared load profile | L |
| Efficiency η_{DHW} | 98 % |
| COP | 2.38 |
| Heating up time | 1:41 h:min |
| Standby power input | 25.7 W |
| Reference hot water temperature | 52.0 °C |
| Mixed water at 40°C | 236 l |

Model: ERGA04EV7 / EHVX04S18E3V

| Configure model | |
|-------------------------------------|--------------------------|
| Model name | ERGA04EV7 / EHVX04S18E3V |
| Application | Heating + DHW + low temp |
| Units | Indoor + Outdoor |
| Climate Zone | n/a |
| Reversibility | Yes |
| Cooling mode application (optional) | +7°C/12°C |

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

Heating

| EN 14511-2 | | |
|-------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Heat output | 4.36 kW | 4.90 kW |
| El input | 0.83 kW | 1.85 kW |
| COP | 5.23 | 2.65 |

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

Cooling

EN 14511-2

| | |
|------------------|-------------------|
| | +7°C/+12°C |
| El input | 1.36 kW |
| Cooling capacity | 4.52 |
| EER | 3.32 |

EN 14825

This information was generated by the HP KEYMARK database on 22 Jun 2022

| | |
|---|-------------------|
| | +7°C/+12°C |
| P _{designc} | 4.50 kW |
| SEER | 5.66 |
| P _{dc} T _j = 35°C | 4.52 kW |
| EER T _j = 35°C | 3.32 |
| P _{dc} T _j = 30°C | 3.14 kW |
| EER T _j = 30°C | 5.11 |
| C _{dc} | 1.0 |
| P _{dc} T _j = 25°C | 2.43 kW |
| EER T _j = 25°C | 6.69 |
| C _{dc} | 1.0 |
| P _{dc} T _j = 20°C | 2.50 kW |
| EER T _j = 20°C | 8.24 |
| C _{dc} | 1.0 |
| P _{off} | 10 W |
| PTO | 10 W |
| PSB | 10 W |
| PCK | 0 W |
| Annual energy consumption Q _{ce} | 480 kWh |

Average Climate

EN 12102-1

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level indoor | 42 dB(A) | 42 dB(A) |
| Sound power level outdoor | 58 dB(A) | 58 dB(A) |

EN 14825

| | Low temperature | Medium temperature |
|----------------|-----------------|--------------------|
| η_s | 195 % | 129 % |
| Prated | 6.0 kW | 6.0 kW |
| SCOP | 4.96 | 3.29 |
| Tbiv | -7 °C | -7 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 6.2 kW | 5.3 kW |
| COP Tj = -7°C | 3.23 | 1.97 |
| Cdh Tj = -7 °C | 1.00 | 1.0 |
| Pdh Tj = +2°C | 3.7 kW | 3.3 kW |
| COP Tj = +2°C | 4.94 | 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 |

This information was generated by the HP KEYMARK database on 22 Jun 2022

| | | |
|---|-------------|-------------|
| 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 | 6.2 kW | 5.3 kW |
| COP Tj = Tbiv | 3.23 | 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 |
| 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 | 2501 kWh | 3769 kWh |

Domestic Hot Water (DHW)

Average Climate

This information was generated by the HP KEYMARK database on 22 Jun 2022

| EN 16147 | |
|---------------------------------|------------|
| Declared load profile | L |
| Efficiency η_{DHW} | 99 % |
| COP | 2.42 |
| Heating up time | 1:41 h:min |
| Standby power input | 21.8 W |
| Reference hot water temperature | 52.0 °C |
| Mixed water at 40°C | 236 l |

Model: ERGA04EV7 / EHVX04S18E6V(G)

| Configure model | |
|-------------------------------------|-----------------------------|
| Model name | ERGA04EV7 / EHVX04S18E6V(G) |
| Application | Heating + DHW + low temp |
| Units | Indoor + Outdoor |
| Climate Zone | n/a |
| Reversibility | Yes |
| Cooling mode application (optional) | +7°C/12°C |

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

Heating

| EN 14511-2 | | |
|-------------|-----------------|--------------------|
| | Low temperature | Medium temperature |
| Heat output | 4.36 kW | 4.90 kW |
| El input | 0.83 kW | 1.85 kW |
| COP | 5.23 | 2.65 |

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

Cooling

EN 14511-2

| | |
|------------------|-------------------|
| | +7°C/+12°C |
| El input | 1.36 kW |
| Cooling capacity | 4.52 |
| EER | 3.32 |

EN 14825

This information was generated by the HP KEYMARK database on 22 Jun 2022

| | +7°C/+12°C |
|---|-------------------|
| P _{designc} | 4.50 kW |
| SEER | 5.66 |
| P _{dc} T _j = 35°C | 4.52 kW |
| EER T _j = 35°C | 3.32 |
| P _{dc} T _j = 30°C | 3.14 kW |
| EER T _j = 30°C | 5.11 |
| C _{dc} | 1.0 |
| P _{dc} T _j = 25°C | 2.43 kW |
| EER T _j = 25°C | 6.69 |
| C _{dc} | 1.0 |
| P _{dc} T _j = 20°C | 2.50 kW |
| EER T _j = 20°C | 8.24 |
| C _{dc} | 1.0 |
| P _{off} | 10 W |
| PTO | 10 W |
| PSB | 10 W |
| PCK | 0 W |
| Annual energy consumption Q _{ce} | 480 kWh |

Average Climate

EN 12102-1

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level indoor | 42 dB(A) | 42 dB(A) |
| Sound power level outdoor | 58 dB(A) | 58 dB(A) |

EN 14825

| | Low temperature | Medium temperature |
|----------------|-----------------|--------------------|
| η_s | 195 % | 129 % |
| Prated | 6.0 kW | 6.0 kW |
| SCOP | 4.96 | 3.29 |
| Tbiv | -7 °C | -7 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 6.2 kW | 5.3 kW |
| COP Tj = -7°C | 3.23 | 1.97 |
| Cdh Tj = -7 °C | 1.00 | 1.0 |
| Pdh Tj = +2°C | 3.7 kW | 3.3 kW |
| COP Tj = +2°C | 4.94 | 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 |

This information was generated by the HP KEYMARK database on 22 Jun 2022

| | | |
|---|-------------|-------------|
| 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 | 6.2 kW | 5.3 kW |
| COP Tj = Tbiv | 3.23 | 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 |
| 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 | 2501 kWh | 3769 kWh |

Domestic Hot Water (DHW)

Average Climate

| EN 16147 | |
|---------------------------------|------------|
| Declared load profile | L |
| Efficiency η_{DHW} | 98 % |
| COP | 2.38 |
| Heating up time | 1:41 h:min |
| Standby power input | 25.7 W |
| Reference hot water temperature | 52.0 °C |
| Mixed water at 40°C | 236 l |