Login

| Summary of | DAIKIN ALTHERMA 3 R W 8KW /A | Reg. No. | 011-1W0248 |
|---|---|---|---|
| Certificate Holder | | | |
| Name | DAIKIN Europe N.V. | | |
| Address | Zandvoordestraat 300 | Zip | B-8400 |
| City | Oostende | Country | Belgium |
| Certification Body | DIN CERTCO Gesellschaft für Konformitätsbewertung mbH | | |
| Subtype title | DAIKIN ALTHERMA 3 R W 8KW /A | | |
| Heat Pump Type | Outdoor Air/Water | | |
| Refrigerant | R32 | | |
| Mass of Refrigerant | 1.5 kg | | |
| Certification Date | 02.03.2018 | | |
| Testing basis | HP KEYMARK certification scheme rules rev. 7 | | |

# Model: ERGA08DVA / EHBX08D9W

| Configure model | |
|---|---|
| Model name | ERGA08DVA / EHBX08D9W |
| Application | Heating (medium temp) |
| Units | Indoor + Outdoor |
| Climate Zone | n/a |
| Reversibility | Yes |
| Cooling mode application (optional) | n/a |

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

## Heating

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

| EN 14511-2 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Heat output | 7.50 kW | 7.50 kW |
| El input | 1.63 kW | 2.78 kW |
| COP | 4.60 | 2.70 |

## Average Climate

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

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

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

# Model: ERGA08DVA / EHBX08D6V

| Configure model | |
|---|---|
| Model name | ERGA08DVA / EHBX08D6V |
| Application | Heating (medium temp) |
| Units | Indoor + Outdoor |
| Climate Zone | n/a |
| Reversibility | Yes |
| Cooling mode application (optional) | n/a |

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

## Heating

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

| EN 14511-2 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Heat output | 7.50 kW | 7.50 kW |
| El input | 1.63 kW | 2.78 kW |
| COP | 4.60 | 2.70 |

## Average Climate

## EN 12102-1

| | Low temperature | Medium temperature |
|---|---|---|
| Sound power level indoor | 42 dB(A) | 42 dB(A) |
| Sound power level outdoor | 62 dB(A) | 62 dB(A) |

## EN 14825

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

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

# Model: ERGA08DVA / EHBH08D9W

| Configure model | |
|---|---|
| Model name | ERGA08DVA / EHBH08D9W |
| 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 14511-4 | |
|---|---|
| | |
| Operating range outdoor exchanger/indoor exchanger lower limit/lower limit | passed |
| Operating range outdoor exchanger/indoor exchanger upper limit/upper limit | passed |
| Shutting off the heat transfer medium flow | passed |
| Complete power supply failure | passed |
| Defrost test | passed |

| EN 14511-2 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Heat output | 7.50 kW | 7.50 kW |
| El input | 1.63 kW | 2.78 kW |
| COP | 4.60 | 2.70 |

## Average Climate

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

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

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

# Model: ERGA08DVA / EHBH08D6V

| Configure model | |
|---|---|
| Model name | ERGA08DVA / EHBH08D6V |
| 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 14511-4 | |
|---|---|
| | |
| Operating range outdoor exchanger/indoor exchanger lower limit/lower limit | passed |
| Operating range outdoor exchanger/indoor exchanger upper limit/upper limit | passed |
| Shutting off the heat transfer medium flow | passed |
| Complete power supply failure | passed |
| Defrost test | passed |

| EN 14511-2 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Heat output | 7.50 kW | 7.50 kW |
| El input | 1.63 kW | 2.78 kW |
| COP | 4.60 | 2.70 |

## Average Climate

## EN 12102-1

| | Low temperature | Medium temperature |
|---|---|---|
| Sound power level indoor | 42 dB(A) | 42 dB(A) |
| Sound power level outdoor | 62 dB(A) | 62 dB(A) |

## EN 14825

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

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

# Model: ERGA08EVA / EHBX08E6V

| Configure model | |
|---|---|
| Model name | ERGA08EVA / EHBX08E6V |
| 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 14511-4 | |
|---|---|
| | |
| Operating range outdoor exchanger/indoor exchanger lower limit/lower limit | passed |
| Operating range outdoor exchanger/indoor exchanger upper limit/upper limit | passed |
| Shutting off the heat transfer medium flow | passed |
| Complete power supply failure | passed |
| Defrost test | passed |

| EN 14511-2 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Heat output | 7.50 kW | 7.50 kW |
| El input | 1.63 kW | 2.78 kW |
| COP | 4.60 | 2.70 |

## Average Climate

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

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

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

## Cooling

## EN 14511-2

| | **+7°C/+12°C** |
|---|---|
| El input | 1.73 kW |
| Cooling capacity | 5.44 |
| EER | 3.14 |

## EN 14825

| | **+7°C/+12°C** |
|---|---|
| Pdesignc | 5.40 kW |
| SEER | 5.71 |
| Pdc Tj = 35°C | 5.44 kW |
| EER Tj = 35°C | 3.14 |
| Pdc Tj = 30°C | 4.02 kW |
| EER Tj = 30°C | 4.84 |
| Cdc | 1.0 |
| Pdc Tj = 25°C | 2.47 kW |
| EER Tj = 25°C | 6.86 |
| Cdc | 1.0 |
| Pdc Tj = 20°C | 2.54 kW |
| EER Tj = 20°C | 8.47 |
| Cdc | 1.0 |
| Poff | 10 W |
| PTO | 10 W |
| PSB | 10 W |
| PCK | 0 W |
| Annual energy consumption Qce | 571 kWh |

# Model: ERGA08EVA / EHBX08E9W

| Configure model | |
|---|---|
| Model name | ERGA08EVA / EHBX08E9W |
| 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 14511-4 | |
|---|---|
| | |
| Operating range outdoor exchanger/indoor exchanger lower limit/lower limit | passed |
| Operating range outdoor exchanger/indoor exchanger upper limit/upper limit | passed |
| Shutting off the heat transfer medium flow | passed |
| Complete power supply failure | passed |
| Defrost test | passed |

| EN 14511-2 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Heat output | 7.50 kW | 7.50 kW |
| El input | 1.63 kW | 2.78 kW |
| COP | 4.60 | 2.70 |

## Average Climate

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

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

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

## Cooling

## EN 14511-2

| | **+7°C/+12°C** |
|---|---|
| El input | 1.73 kW |
| Cooling capacity | 5.44 |
| EER | 3.14 |

## EN 14825

| | **+7°C/+12°C** |
|---|---|
| Pdesignc | 5.40 kW |
| SEER | 5.71 |
| Pdc Tj = 35°C | 5.44 kW |
| EER Tj = 35°C | 3.14 |
| Pdc Tj = 30°C | 4.02 kW |
| EER Tj = 30°C | 4.84 |
| Cdc | 1.0 |
| Pdc Tj = 25°C | 2.47 kW |
| EER Tj = 25°C | 6.86 |
| Cdc | 1.0 |
| Pdc Tj = 20°C | 2.54 kW |
| EER Tj = 20°C | 8.47 |
| Cdc | 1.0 |
| Poff | 10 W |
| PTO | 10 W |
| PSB | 10 W |
| PCK | 0 W |
| Annual energy consumption Qce | 571 kWh |

# Model: ERGA08EVA / EHBH08E6V

| Configure model | |
|---|---|
| Model name | ERGA08EVA / EHBH08E6V |
| 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 14511-4 | |
|---|---|
| | |
| Operating range outdoor exchanger/indoor exchanger lower limit/lower limit | passed |
| Operating range outdoor exchanger/indoor exchanger upper limit/upper limit | passed |
| Shutting off the heat transfer medium flow | passed |
| Complete power supply failure | passed |
| Defrost test | passed |

| EN 14511-2 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Heat output | 7.50 kW | 7.50 kW |
| El input | 1.63 kW | 2.78 kW |
| COP | 4.60 | 2.70 |

## Average Climate

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

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

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

## Cooling

## EN 14511-2

| | **+7°C/+12°C** |
|---|---|
| El input | 1.73 kW |
| Cooling capacity | 5.44 |
| EER | 3.14 |

## EN 14825

| | **+7°C/+12°C** |
|---|---|
| Pdesignc | 5.40 kW |
| SEER | 5.71 |
| Pdc Tj = 35°C | 5.44 kW |
| EER Tj = 35°C | 3.14 |
| Pdc Tj = 30°C | 4.02 kW |
| EER Tj = 30°C | 4.84 |
| Cdc | 1.0 |
| Pdc Tj = 25°C | 2.47 kW |
| EER Tj = 25°C | 6.86 |
| Cdc | 1.0 |
| Pdc Tj = 20°C | 2.54 kW |
| EER Tj = 20°C | 8.47 |
| Cdc | 1.0 |
| Poff | 10 W |
| PTO | 10 W |
| PSB | 10 W |
| PCK | 0 W |
| Annual energy consumption Qce | 571 kWh |

# Model: ERGA08EVA / EHBH08E9W

| Configure model | |
|---|---|
| Model name | ERGA08EVA / EHBH08E9W |
| 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 14511-4 | |
|---|---|
| | |
| Operating range outdoor exchanger/indoor exchanger lower limit/lower limit | passed |
| Operating range outdoor exchanger/indoor exchanger upper limit/upper limit | passed |
| Shutting off the heat transfer medium flow | passed |
| Complete power supply failure | passed |
| Defrost test | passed |

| EN 14511-2 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Heat output | 7.50 kW | 7.50 kW |
| El input | 1.63 kW | 2.78 kW |
| COP | 4.60 | 2.70 |

## Average Climate

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

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

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

## Cooling

## EN 14511-2

| | **+7°C/+12°C** |
|---|---|
| El input | 1.73 kW |
| Cooling capacity | 5.44 |
| EER | 3.14 |

## EN 14825

| | **+7°C/+12°C** |
|---|---|
| Pdesignc | 5.40 kW |
| SEER | 5.71 |
| Pdc Tj = 35°C | 5.44 kW |
| EER Tj = 35°C | 3.14 |
| Pdc Tj = 30°C | 4.02 kW |
| EER Tj = 30°C | 4.84 |
| Cdc | 1.0 |
| Pdc Tj = 25°C | 2.47 kW |
| EER Tj = 25°C | 6.86 |
| Cdc | 1.0 |
| Pdc Tj = 20°C | 2.54 kW |
| EER Tj = 20°C | 8.47 |
| Cdc | 1.0 |
| Poff | 10 W |
| PTO | 10 W |
| PSB | 10 W |
| PCK | 0 W |
| Annual energy consumption Qce | 571 kWh |