## Subtype ADAPT MAX 10035

| | |
|---|---|
| Certificate Holder | KRONOTERM d.o.o. |
| Address | Trnava 5e |
| ZIP | 3303 |
| City | Gomilsko |
| Country | SI |
| Certification Body | DIN CERTCO Gesellschaft für Konformitätsbewertung mbH |
| Subtype title | ADAPT MAX 10035 |
| Registration number | 011-1W1028 |
| Heat Pump Type | Outdoor Air/Water |
| Refrigerant | R290 |
| Mass of Refrigerant | 3.75 kg |
| Certification Date | 09.04.2025 |
| Testing basis | HP KEYMARK certification scheme rules V14 |



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| Model ADAPT MAX 10035 HT / HK 3F | |
|---|---|
| Model name | ADAPT MAX 10035 HT / HK 3F |
| Application | Heating (medium temp) |
| Units | Outdoor |
| Climate zone (for heating) | Colder, Warmer, Warmer Climate, Colder Climate |
| Reversibility | Yes |
| Cooling mode application (optional) | +7°C/12°C, +18°C/+23°C |
| Any additional heat sources | n/a |

| General data | |
|---|---|
| Power supply | 3x400V 50Hz |
| Off-peak product | n/a |

| Outdoor Air/Water | |
|---|---|

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

| EN 14511-2 \| Heating | | |
|---|---|---|
| | Low temperature | Medium temperature |
| Heat output | 26.77 kW | 26.49 kW |
| El input | 5.02 kW | 7.63 kW |
| COP | 5.33 | 3.47 |

| EN 14511-2 \| Cooling | | |
|---|---|---|
| | +7°C/+12°C | +18°C/+23°C |
| El input | 30.30 kW | 30.13 kW |
| Cooling capacity | 11.02 | 6.51 |
| EER | 2.75 | 4.63 |

| EN 12102-1 \| Average Climate | | |
|---|---|---|
| | Low temperature | Medium temperature |
| Sound power level outdoor | 49 dB(A) | 50 dB(A) |

| EN 14825 \| Average Climate | | |
|---|---|---|
| | Low temperature | Medium temperature |
| ηs | 230 % | 171 % |
| Prated | 26.50 kW | 26.50 kW |
| SCOP | 5.82 | 4.36 |
| Tbiv | -10 °C | -10 °C |
| TOL | -10 °C | -10 °C |



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| | | |
|---|---|---|
| Pdh Tj = -7°C | 23.43 kW | 23.52 kW |
| COP Tj = -7°C | 3.39 | 2.48 |
| Cdh Tj = -7 °C | 0.998 | 0.999 |
| Pdh Tj = +2°C | 14.44 kW | 14.43 kW |
| COP Tj = +2°C | 5.50 | 4.42 |
| Cdh Tj = +2 °C | 0.995 | 0.996 |
| Pdh Tj = +7°C | 9.55 kW | 9.35 kW |
| COP Tj = +7°C | 8.38 | 5.93 |
| Cdh Tj = +7 °C | 0.989 | 0.992 |
| Pdh Tj = 12°C | 10.51 kW | 10.12 kW |
| COP Tj = 12°C | 10.31 | 7.94 |
| Cdh Tj = +12 °C | 0.987 | 0.990 |
| Pdh Tj = Tbiv | 26.56 kW | 26.73 kW |
| COP Tj = Tbiv | 2.88 | 2.10 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 26.56 kW | 26.73 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.88 | 2.10 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.999 | 0.999 |
| WTOL | 75 °C | 75 °C |
| Poff | 13 W | 13 W |
| PTO | 13 W | 13 W |
| PSB | 13 W | 13 W |
| PCK | 13 W | 13 W |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 0.00 kW | 0.00 kW |
| Annual energy consumption Qhe | 9406 kWh | 12562 kWh |

## EN 12102-1 | Colder Climate

| | Low temperature | Medium temperature |
|---|---|---|
| Sound power level outdoor | 49 dB(A) | 50 dB(A) |

## EN 14825 | Colder Climate

| | Low temperature | Medium temperature |
|---|---|---|
| ηs | 193 % | 150 % |
| Prated | 30.90 kW | 31.00 kW |
| SCOP | 4.91 | 3.82 |
| Tbiv | -15 °C | -15 °C |
| TOL | -22 °C | -22 °C |
| Pdh Tj = -7°C | 18.96 kW | 18.79 kW |
| COP Tj = -7°C | 4.00 | 3.07 |
| Cdh Tj = -7 °C | 0.997 | 0.998 |
| Pdh Tj = +2°C | 11.41 kW | 11.44 kW |
| COP Tj = +2°C | 6.15 | 4.78 |
| Cdh Tj = +2 °C | 0.993 | 0.995 |



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| | | |
|---|---|---|
| Pdh Tj = +7°C | 9.48 kW | 9.35 kW |
| COP Tj = +7°C | 8.60 | 6.59 |
| Cdh Tj = +7 °C | 0.988 | 0.991 |
| Pdh Tj = 12°C | 10.39 kW | 10.15 kW |
| COP Tj = 12°C | 10.09 | 8.57 |
| Cdh Tj = +12 °C | 0.987 | 0.989 |
| Pdh Tj = Tbiv | 25.48 kW | 26.01 kW |
| COP Tj = Tbiv | 2.71 | 2.06 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 20.36 kW | 21.25 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.26 | 1.67 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.999 | 0.999 |
| WTOL | 75 °C | 75 °C |
| Poff | 13 W | 13 W |
| PTO | 13 W | 13 W |
| PSB | 13 W | 13 W |
| PCK | 13 W | 13 W |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 10.54 kW | 9.75 kW |
| Annual energy consumption Qhe | 15514 kWh | 20008 kWh |
| Pdh Tj = -15°C (if TOL | 25.48 | 26.01 |
| COP Tj = -15°C (if TOL | 2.71 | 2.06 |
| Cdh Tj = -15 °C | 0.999 | 0.999 |

## EN 12102-1 | Warmer Climate

| | Low temperature | Medium temperature |
|---|---|---|
| Sound power level outdoor | 49 dB(A) | 50 dB(A) |

## EN 14825 | Warmer Climate

| | Low temperature | Medium temperature |
|---|---|---|
| ηs | 303 % | 216 % |
| Prated | 32.20 kW | 32.00 kW |
| SCOP | 7.66 | 5.50 |
| Tbiv | 2 °C | 2 °C |
| TOL | 2 °C | 2 °C |
| Pdh Tj = +2°C | 32.22 kW | 32.02 kW |
| COP Tj = +2°C | 3.44 | 2.48 |
| Cdh Tj = +2 °C | 0.999 | 0.999 |
| Pdh Tj = +7°C | 20.77 kW | 20.60 kW |
| COP Tj = +7°C | 6.24 | 4.46 |
| Cdh Tj = +7 °C | 0.996 | 0.997 |
| Pdh Tj = 12°C | 10.43 kW | 9.94 kW |
| COP Tj = 12°C | 10.57 | 7.59 |
| Cdh Tj = +12 °C | 0.987 | 0.990 |



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| | | |
|---|---|---|
| Pdh Tj = Tbiv | 32.22 kW | 32.02 kW |
| COP Tj = Tbiv | 3.44 | 2.48 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 32.22 kW | 32.02 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 3.44 | 2.48 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.999 | 0.999 |
| WTOL | 75 °C | 75 °C |
| Poff | 13 W | 13 W |
| PTO | 13 W | 13 W |
| PSB | 13 W | 13 W |
| PCK | 13 W | 13 W |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 0.00 kW | 0.00 kW |
| Annual energy consumption Qhe | 5632 kWh | 7796 kWh |

| EN 14825 \| Cooling | | |
|---|---|---|
| | +7°C/+12°C | +18°C/+23°C |
| Pdesignc | 30.00 kW | 30.00 kW |
| SEER | 5.51 | 8.20 |
| Pdc Tj = 35°C | 30.30 kW | 30.13 kW |
| EER Tj = 35°C | 2.75 | 4.63 |
| Cdc Tj = 35 °C | 0.999 | 0.998 |
| Pdc Tj = 30°C | 22.37 kW | 22.17 kW |
| EER Tj = 30°C | 4.23 | 6.48 |
| Cdc Tj = 30 °C | 0.998 | 0.996 |
| Pdc Tj = 25°C | 14.34 kW | 14.41 kW |
| EER Tj = 25°C | 6.11 | 9.13 |
| Cdc Tj = 25 °C | 0.995 | 0.992 |
| Pdc Tj = 20°C | 9.55 kW | 11.00 kW |
| EER Tj = 20°C | 8.56 | 11.30 |
| Cdc Tj = 20 °C | 0.988 | 0.987 |
| Poff | 13 W | 13 W |
| PTO | 13 W | 13 W |
| PSB | 13 W | 13 W |
| PCK | 13 W | 13 W |
| Annual energy consumption Qce | 3316 kWh | 2246 kWh |



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