

Subtype ADAPT 0724

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 0724
Registration number	011-1W0518
Heat Pump Type	Outdoor Air/Water
Refrigerant	R452B
Mass of Refrigerant	5 kg
Certification Date	18.01.2022
Testing basis	HP KEYMARK certification scheme rules rev. 9

Model ADAPT 0724-K3 HT / HK 3F

Model name	ADAPT 0724-K3 HT / HK 3F
Application	Heating (medium temp)
Units	Outdoor
Climate zone (for heating)	n/a
Reversibility	Yes
Cooling mode application (optional)	n/a
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	12.94 kW	13.13 kW
EI input	2.42 kW	3.92 kW
COP	5.44	3.36

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level outdoor	53 dB(A)	53 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
η_s	195 %	150 %
Prated	15.60 kW	15.50 kW
SCOP	5.02	3.88
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	13.44 kW	13.88 kW
COP Tj = -7°C	3.22	2.50
Cdh Tj = -7 °C	0.997	0.998
Pdh Tj = +2°C	8.76 kW	8.70 kW
COP Tj = +2°C	5.06	3.71
Cdh Tj = +2 °C	0.994	0.995
Pdh Tj = +7°C	5.68 kW	5.65 kW

COP Tj = +7°C	6.18	5.05
Cdh Tj = +7 °C	0.988	0.990
Pdh Tj = 12°C	5.87 kW	6.17 kW
COP Tj = 12°C	7.34	6.35
Cdh Tj = +12 °C	0.986	0.989
Pdh Tj = Tbiv	15.60 kW	15.42 kW
COP Tj = Tbiv	3.01	2.17
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	15.60 kW	15.42 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.01	2.17
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.998	0.998
WTOL	67 °C	67 °C
Poff	11 W	11 W
PTO	11 W	11 W
PSB	11 W	11 W
PCK	11 W	11 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.00 kW	0.08 kW
Annual energy consumption Qhe	6420 kWh	8262 kWh