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Summary of	ADAPT 0724	Reg. No.	011-1W0518
Certificate Holder			
Name	KRONOTERM d.o.o.		
Address	Trnava 5e	Zip	3303
City	Gomilsko	Country	Slovenia
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH		
Subtype title	ADAPT 0724		
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

Configure model	
Model name	ADAPT 0724-K3 HT / HK 3F
Application	Heating (medium temp)
Units	Outdoor
Climate Zone	n/a
Reversibility	Yes
Cooling mode application (optional)	n/a

General Data	
Power supply	3x400V 50Hz

### Heating

EN 14511-2		
	Low temperature	Medium temperature
Heat output	12.94 kW	13.13 kW
El input	2.42 kW	3.92 kW
COP	5.44	3.36

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

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### EN 12102-1

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

### EN 14825

	Low temperature	Medium temperature
$\eta_s$	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

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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