

Subtype Air Source Heat Pump-R32-6

Certificate Holder	ENVIRON Energie- und Umwelttechnik GmbH und Co.KG
Address	Robert-Bosch-Straße 9
ZIP	78048
City	Villingen
Country	DE
Certification Body	BRE Global Limited
Subtype title	Air Source Heat Pump-R32-6
Registration number	041-K110-01
Heat Pump Type	Outdoor Air/Water
Refrigerant	R32
Mass of Refrigerant	1.25 kg
Certification Date	19.02.2025
Testing basis	HP KEYMARK certification scheme rules rev. no.15

Model ENHP-6-R32

Model name	ENHP-6-R32
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	1x230V 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	6.36 kW	5.96 kW
El input	1.20 kW	1.97 kW
COP	5.30	3.02

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level outdoor	63 dB(A)	63 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
η_s	180 %	126 %
Prated	5.22 kW	5.03 kW
SCOP	4.58	3.23
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	4.62 kW	4.45 kW
COP Tj = -7°C	3.03	2.14
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	2.92 kW	2.80 kW
COP Tj = +2°C	4.51	3.22
Cdh Tj = +2 °C	0.900	0.900
Pdh Tj = +7°C	2.04 kW	1.75 kW

COP Tj = +7°C	6.03	3.90
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	2.06 kW	2.19 kW
COP Tj = 12°C	7.58	6.08
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	4.62 kW	4.45 kW
COP Tj = Tbiv	3.03	2.14
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	4.18 kW	4.08 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.76	1.89
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	50 °C	50 °C
Poff	8 W	8 W
PTO	16 W	16 W
PSB	8 W	8 W
PCK	63 W	63 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.05 kW	0.94 kW
Annual energy consumption Qhe	2357 kWh	3212 kWh