

Subtype Victrix Hybrid

Certificate Holder	Immergas S.p.A.
Address	Via Cisa Ligure, 95
ZIP	42041
City	Brescello (RE)
Country	IT
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH
Subtype title	Victrix Hybrid
Registration number	011-1W0961
Heat Pump Type	Outdoor Air/Water
Refrigerant	R32
Mass of Refrigerant	0.56 kg
Certification Date	27.06.2025
Testing basis	HP KEYMARK certification scheme rules rev. 14

Model Audax.DK4 / Victrix 32HY

Model name	Audax.DK4 / Victrix 32HY
Application	Heating (medium temp)
Units	Indoor, Outdoor
Climate zone (for heating)	n/a
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

EN 14511-2 | Heating

	Low temperature	Medium temperature
Heat output	3.83 kW	3.28 kW
El input	0.85 kW	1.29 kW
COP	4.49	2.56

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	50 dB(A)	50 dB(A)
Sound power level outdoor	59 dB(A)	59 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
η_s	163 %	128 %
Prated	5.20 kW	5.60 kW
SCOP	4.15	3.28
Tbiv	2 °C	2 °C
TOL	-5 °C	-3 °C
Pdh Tj = -7°C	0.01 kW	0.01 kW
COP Tj = -7°C	1.00	1.00
Pdh Tj = +2°C	2.80 kW	3.00 kW
COP Tj = +2°C	4.31	3.19
Pdh Tj = +7°C	3.40 kW	3.20 kW
COP Tj = +7°C	5.78	4.52
Pdh Tj = 12°C	3.90 kW	3.90 kW
COP Tj = 12°C	8.02	6.42

Pdh Tj = Tbiv	2.80 kW	3.00 kW
COP Tj = Tbiv	4.31	3.19
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	3.00 kW	2.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.15	2.49
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.00	1.00
WTOL	33 °C	48 °C
Poff	15 W	15 W
PTO	15 W	15 W
PSB	15 W	15 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	5.20 kW	5.60 kW
Annual energy consumption Qhe	2588 kWh	3511 kWh

Model Audax.DK4 / Victrix 24HY (Victrix Plus 24HY)

Model name	Audax.DK4 / Victrix 24HY (Victrix Plus 24HY)
Application	Heating (medium temp)
Units	Indoor, Outdoor
Climate zone (for heating)	n/a
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

EN 14511-2 | Heating

	Low temperature	Medium temperature
Heat output	3.83 kW	3.28 kW
El input	0.85 kW	1.29 kW
COP	4.49	2.56

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	50 dB(A)	50 dB(A)
Sound power level outdoor	59 dB(A)	59 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
η_s	163 %	128 %
Prated	5.20 kW	5.60 kW
SCOP	4.14	3.26
Tbiv	2 °C	2 °C
TOL	-5 °C	-3 °C
Pdh Tj = -7°C	0.01 kW	0.01 kW
COP Tj = -7°C	1.00	1.00
Pdh Tj = +2°C	2.80 kW	3.00 kW
COP Tj = +2°C	4.31	3.19
Pdh Tj = +7°C	3.40 kW	3.20 kW
COP Tj = +7°C	5.78	4.52
Pdh Tj = 12°C	3.90 kW	3.90 kW
COP Tj = 12°C	8.02	6.42

Pdh Tj = Tbiv	2.80 kW	3.00 kW
COP Tj = Tbiv	4.31	3.19
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	3.00 kW	2.50 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.15	2.49
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	1.00	1.00
WTOL	33 °C	48 °C
Poff	15 W	15 W
PTO	15 W	15 W
PSB	15 W	15 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	5.20 kW	5.60 kW
Annual energy consumption Qhe	2595 kWh	3524 kWh