

Subtype Áurea+ HP60 14 / AHP60 14

Certificate Holder	Group Atlantic España - Soluciones Confort Térmico S.A.
Address	Calle Antonio Machado, 65 - Edificio Sócrates
ZIP	08840
City	Viladecans, Barcelona
Country	ES
Certification Body	ICIM S.p.A.
Subtype title	Áurea+ HP60 14 / AHP60 14
Registration number	ICIM-PDC-000124-00
Heat Pump Type	Outdoor Air/Water
Refrigerant	R32
Mass of Refrigerant	3.6 kg
Certification Date	18.10.2021
Testing basis	HP KEYMARK certification scheme rules rev. no. 7

Model HP60-14 / AHP60-14

Model name	HP60-14 / AHP60-14
Application	Heating (medium temp)
Units	Outdoor
Climate zone (for heating)	n/a
Reversibility	Yes
Cooling mode application (optional)	+7°C/12°C
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 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	dB(A)	dB(A)
Sound power level outdoor	68 dB(A)	68 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
η_s	176 %	130 %
Prated	12.00 kW	12.00 kW
SCOP	4.48	3.31
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-15 °C
Pdh Tj = -7°C	10.70 kW	10.30 kW
COP Tj = -7°C	2.98	2.10
Cdh Tj = -7 °C	1.000	1.000
Pdh Tj = +2°C	6.50 kW	6.20 kW
COP Tj = +2°C	4.20	3.21
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = +7°C	5.80 kW	5.70 kW
COP Tj = +7°C	5.98	4.19
Cdh Tj = +7 °C	0.980	0.986
Pdh Tj = 12°C	6.70 kW	6.60 kW
COP Tj = 12°C	8.16	6.17
Cdh Tj = +12 °C	0.977	0.982
Pdh Tj = Tbiv	10.70 kW	10.30 kW

COP $T_j = T_{biv}$	2.98	2.10
$P_{dh} T_j = TOL$ or $P_{dh} T_j = T_{designh}$ if $TOL < T_{designh}$	10.50 kW	10.20 kW
COP $T_j = TOL$ or COP $T_j = T_{designh}$ if $TOL < T_{designh}$	2.69	1.96
WTOL	60 °C	60 °C
P _{off}	19 W	19 W
PTO	22 W	22 W
PSB	19 W	19 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	n/a	n/a
Supplementary Heater: PSUP	0.00 kW	0.00 kW
Annual energy consumption Q _{he}	5583 kWh	7259 kWh

Model HP60-14TR / AHP60-14TR

Model name	HP60-14TR / AHP60-14TR
Application	Heating (medium temp)
Units	Outdoor
Climate zone (for heating)	n/a
Reversibility	Yes
Cooling mode application (optional)	+7°C/12°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 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	dB(A)	dB(A)
Sound power level outdoor	68 dB(A)	68 dB(A)

EN 14825 | Average Climate

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