

## Subtype ACPMH21/26

Certificate Holder	Climer
Address	Carr. Córdoba - Málaga, Km. 77
ZIP	14900
City	Córdoba
Country	ES
Certification Body	ICIM S.p.A.
Subtype title	ACPMH21/26
Registration number	ICIM-PDC-000205
Heat Pump Type	Outdoor Air/Water
Refrigerant	R32
Mass of Refrigerant	4.3 kg
Certification Date	30.08.2023
Testing basis	V9

Model ACPMH21		
Model name	ACPMH21	
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 outdoor	65 dB(A)	65 dB(A)
EN 14825   Average Climate		
	Low temperature	Medium temperature
ηs	165 %	122 %
Prated	20.00 kW	19.00 kW
SCOP	4.20	3.14
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-10 °C
Pdh Tj = -7°C	17.30 kW	17.00 kW
COP Tj = -7°C	2.54	1.86
Cdh Tj = -7 °C	1.000	1.000
Pdh Tj = +2°C	10.60 kW	10.50 kW
COP Tj = +2°C	4.24	3.13
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = +7°C	9.30 kW	9.20 kW
COP Tj = +7°C	5.15	3.94
Cdh Tj = +7 °C	0.992	0.995
Pdh Tj = 12°C	10.90 kW	10.80 kW
COP Tj = 12°C	7.08	5.51
Cdh Tj = +12 °C	0.990	0.994
Pdh Tj = Tbiv	17.30 kW	17.00 kW
COP Tj = Tbiv	2.54	1.86

Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	15.50 kW	15.10 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.31	1.65
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh		
WTOL	60 °C	60 °C
Poff	22 W	22 W
PTO	22 W	22 W
PSB	22 W	22 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	n/a	n/a
Supplementary Heater: PSUP	4.50 kW	3.90 kW
Annual energy consumption Qhe	9608 kWh	12663 kWh

## Model ACPMH26

Model name	ACPMH26
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 outdoor	65 dB(A)	65 dB(A)

### EN 14825 | Average Climate

	Low temperature	Medium temperature
$\eta_s$	155 %	123 %
Prated	20.00 kW	19.00 kW
SCOP	3.95	3.14
Tbiv	-7 °C	-7 °C
TOL	-20 °C	-10 °C
Pdh Tj = -7°C	17.40 kW	17.00 kW
COP Tj = -7°C	2.49	1.89
Cdh Tj = -7 °C	1.000	1.000
Pdh Tj = +2°C	10.60 kW	10.50 kW
COP Tj = +2°C	3.93	3.09
Cdh Tj = +2 °C	1.000	1.000
Pdh Tj = +7°C	9.30 kW	9.30 kW
COP Tj = +7°C	4.88	4.03
Cdh Tj = +7 °C	0.992	0.993
Pdh Tj = 12°C	10.70 kW	10.90 kW
COP Tj = 12°C	6.53	5.62
Cdh Tj = +12 °C	0.991	0.992
Pdh Tj = Tbiv	17.40 kW	17.00 kW
COP Tj = Tbiv	2.49	1.89

Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	15.40 kW	15.30 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.27	1.68
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh		
WTOL	60 °C	60 °C
Poff	22 W	22 W
PTO	22 W	22 W
PSB	22 W	22 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	n/a	n/a
Supplementary Heater: PSUP	4.60 kW	3.70 kW
Annual energy consumption Qhe	10286 kWh	12652 kWh