

Subtype CARRIER 30AWH012HP-C--C--, 30AWH012HP9C--C-, 30AWH014HP-C--C--, 30AWH014HP9C--C--	
Certificate Holder	Riello S.p.A.
Address	Via Ing. Pilade Riello 7
ZIP	37045
City	Legnago (VR)
Country	IT
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH
Subtype title	CARRIER 30AWH012HP-C--C--, 30AWH012HP9C--C-, 30AWH014HP-C--C--, 30AWH014HP9C--C--
Registration number	011-1W0625
Heat Pump Type	Outdoor Air/Water
Refrigerant	R290
Mass of Refrigerant	1.07 kg
Certification Date	26.06.2023
Testing basis	HP KEYMARK Certification Scheme Rules Rev. 12

## Model CARRIER 30AWH012HP-C--C--

Model name	CARRIER 30AWH012HP-C--C--
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 outdoor	52 dB(A)	54 dB(A)

## EN 14825 | Average Climate

	Low temperature	Medium temperature
$\eta_s$	187 %	131 %
Prated	9.35 kW	9.33 kW
SCOP	4.74	3.35
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	8.27 kW	8.25 kW
COP Tj = -7°C	2.74	1.97
Cdh Tj = -7 °C		
Pdh Tj = +2°C	5.03 kW	5.02 kW
COP Tj = +2°C	4.65	3.17
Cdh Tj = +2 °C		
Pdh Tj = +7°C	4.86 kW	3.23 kW
COP Tj = +7°C	6.55	4.76
Cdh Tj = +7 °C	0.973	0.976
Pdh Tj = 12°C	3.81 kW	3.52 kW
COP Tj = 12°C	9.06	6.45
Cdh Tj = +12 °C	0.952	0.973
Pdh Tj = Tbiv	8.27 kW	8.25 kW
COP Tj = Tbiv	2.74	1.97

Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	7.66 kW	7.65 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.41	1.75
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh		
WTOL	75 °C	75 °C
Poff	10 W	10 W
PTO	15 W	15 W
PSB	10 W	10 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	n/a	n/a
Supplementary Heater: PSUP	1.69 kW	1.68 kW
Annual energy consumption Qhe	4068 kWh	5743 kWh

## Model CARRIER 30AWH012HP9C--C-

Model name	CARRIER 30AWH012HP9C--C-
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	52 dB(A)	54 dB(A)

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WTOL	75 °C	75 °C
Poff	10 W	10 W
PTO	15 W	15 W
PSB	10 W	10 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	n/a	n/a
Supplementary Heater: PSUP	1.69 kW	1.68 kW
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## Model CARRIER 30AWH014HP-C--C--

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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

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