Subtype 16. Yutaki S80 5.0HP (tri)	
Certificate Holder	Bosch Home Comfort Barcelona S.A.U.
Address	Ronda Shimizu, 1. Pol. Ind. Can Torrella
ZIP	08233
City	Vacarisses, Barcelona
Country	ES
Certification Body	BRE
Subtype title	16. Yutaki S80 5.0HP (tri)
Registration number	041-K002-16
Heat Pump Type	Outdoor Air/Water
Refrigerant	R410A
Mass of Refrigerant	3.4 kg
Testing laboratory	Centro de Ensayos, Innovación y Servicios (CEIS), ES

This information was generated by the HP KEYMARK database on 16.11.2026

Model RAS-5WHNPE RWH-5.0NFE - Type 1

Model name	RAS-5WHNPE RWH-5.0NFE - Type 1
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	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

EN 14511-2 | Heating

	Low temperature	Medium temperature
Heat output	14.00 kW	14.00 kW
El input	2.97 kW	4.39 kW
COP	4.71	3.19

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	57 dB(A)	57 dB(A)
Sound power level outdoor	63 dB(A)	63 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
ηs	171 %	129 %
Prated	14.00 kW	14.00 kW
SCOP	4.35	3.30
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	12.00 kW	12.38 kW
COP Tj = -7°C	2.55	2.19
Pdh Tj = +2°C	7.30 kW	7.54 kW
COP Tj = +2°C	4.70	3.10
Pdh Tj = +7°C	4.70 kW	4.85 kW
COP Tj = +7°C	5.70	4.60
Pdh Tj = 12°C	3.50 kW	4.10 kW
COP Tj = 12°C	6.00	6.40

This information was generated by the HP KEYMARK database on 16.11.2026

Pdh Tj = Tbiv	12.00 kW	14.00 kW
COP Tj = Tbiv	2.55	2.12
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.10 kW	14.00 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.50	2.12
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.90	0.90
WTOL	55 °C	55 °C
Poff	44 W	44 W
PTO	0 W	0 W
PSB	44 W	44 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.90 kW	0.00 kW
Annual energy consumption Qhe	6426 kWh	8747 kWh

This information was generated by the HP KEYMARK database on 16.11.2026

Model RAS-5WHNPE RWH-5.0NFWE - Type 2

Model name	RAS-5WHNPE RWH-5.0NFWE - Type 2
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	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

EN 14511-2 | Heating

	Low temperature	Medium temperature
Heat output	14.00 kW	14.00 kW
El input	2.97 kW	4.39 kW
COP	4.71	3.19

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	57 dB(A)	57 dB(A)
Sound power level outdoor	63 dB(A)	63 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
ηs	171 %	129 %
Prated	14.00 kW	14.00 kW
SCOP	4.35	3.30
Tbiv	-7 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	12.00 kW	12.38 kW
COP Tj = -7°C	2.55	2.19
Pdh Tj = +2°C	7.30 kW	7.54 kW
COP Tj = +2°C	4.70	3.10
Pdh Tj = +7°C	4.70 kW	4.85 kW
COP Tj = +7°C	5.70	4.60
Pdh Tj = 12°C	3.50 kW	4.10 kW
COP Tj = 12°C	6.00	6.40

This information was generated by the HP KEYMARK database on 16.11.2026

Pdh Tj = Tbiv	12.00 kW	14.00 kW
COP Tj = Tbiv	2.55	2.12
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	12.10 kW	14.00 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.50	2.12
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.90	0.90
WTOL	55 °C	55 °C
Poff	44 W	44 W
PTO	0 W	0 W
PSB	44 W	44 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	1.90 kW	0.00 kW
Annual energy consumption Qhe	6426 kWh	8747 kWh

This information was generated by the HP KEYMARK database on 16.11.2026