

Subtype SDH1-070MNA3O

Certificate Holder	Saunier Duval Brand Group
Address	SDECCI SAS - 17 rue de la Petite Baratte
ZIP	44300
City	Nantes
Country	FR
Certification Body	DIN CERTCO Gesellschaft für Konformitätsbewertung mbH
Subtype title	SDH1-070MNA3O
Registration number	011-1W0891
Heat Pump Type	Air/Air Multi Split
Refrigerant	R32
Mass of Refrigerant	1.7 kg
Certification Date	20.09.2024
Testing basis	European KEYMARK Scheme for Heat Pumps V.14 (2024-04)

Model SDH1-070MNA3O + SDHB1-025SNWI + SDHB1-025SNWI + SDHB1-025SNWI

Model name	SDH1-070MNA3O + SDHB1-025SNWI + SDHB1-025SNWI + SDHB1-025SNWI
Application	Heating + Cooling
Units	n/a
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

Air/Air Multi Split

EN 14511-4 | Cooling

Shutting off the heat transfer medium flow passed

Complete power supply failure	passed
Starting and operating test	passed

EN 14511-2 | Heating

	A7/A20
Heating capacity	8.71
El input	2.22 kW
COP	3.91

EN 14511-2 | Cooling

	A35/A27
El input	2.09 kW
Cooling capacity	7.22
EER	3.45

EN 12102-1 | Cooling

Sound power level outdoor	63 dB(A)
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EN 14825 | Cooling

	Indoor dry(wet) bulb temperature 27(19)°C
Pdesignc	7.10 kW
SEER	6.50
Pdc Tj = 35°C	7.22 kW
EER Tj = 35°C	3.45
Cdc Tj = 35 °C	0.250
Pdc Tj = 30°C	5.35 kW
EER Tj = 30°C	4.97
Cdc Tj = 30 °C	0.250

Pdc Tj = 25°C	3.44 kW
EER Tj = 25°C	7.52
Cdc Tj = 25 °C	0.250
Pdc Tj = 20°C	1.96 kW
EER Tj = 20°C	10.12
Cdc Tj = 20 °C	0.250
Poff	1 W
PTO	8 W
PSB	1 W
PCK	0 W
Annual energy consumption Qce	382 kWh

EN 14825 | Average Climate

	Indoor dry bulb temperature: 20°C
Pdesignh	6.10 kW
SCOP	3.80
Tbiv	-7 °C
TOL	-10 °C
Pdh Tj = -7°C	5.64 kW
COP Tj = -7°C	2.42
Cdh Tj = -7 °C	0.250
Pdh Tj = +2°C	3.43 kW
COP Tj = +2°C	4.01
Cdh Tj = +2 °C	0.250
Pdh Tj = +7°C	2.19 kW
COP Tj = +7°C	4.51
Cdh Tj = +7 °C	0.250
Pdh Tj = 12°C	2.15 kW
COP Tj = 12°C	5.44
Cdh Tj = +12 °C	0.250
Pdh Tj = Tbiv	5.64 kW
COP Tj = Tbiv	2.42
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.14 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.36
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.250
Poff	1 W
PTO	33 W
PSB	1 W
PCK	0 W
Backup Heater	0.00 kW
Annual energy consumption Qhe	2246 kWh