

Model HM071HF UB40 / HN1616HC NK0

Model name	HM071HF UB40 / HN1616HC NK0
Application	Heating (medium temp)
Units	Indoor, Outdoor
Climate zone (for heating)	n/a
Reversibility	Yes
Cooling mode application (optional)	n/a
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 14511-2 | Heating

	Low temperature	Medium temperature
Heat output	7.00 kW	4.50 kW
El input	1.40 kW	1.34 kW
COP	5.00	3.35

EN 12102-1 | Average Climate

	Low temperature	Medium temperature
Sound power level indoor	39 dB(A)	39 dB(A)
Sound power level outdoor	49 dB(A)	49 dB(A)

EN 14825 | Average Climate

	Low temperature	Medium temperature
η_s	207 %	151 %
Prated	6.00 kW	7.00 kW
SCOP	5.24	3.86
Tbiv	-10 °C	-10 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	5.00 kW	6.40 kW
COP Tj = -7°C	3.40	2.45
Cdh Tj = -7 °C	0.900	0.900
Pdh Tj = +2°C	3.10 kW	3.90 kW
COP Tj = +2°C	5.30	3.92
Cdh Tj = +2 °C	0.900	0.900

Pdh Tj = +7°C	2.40 kW	3.90 kW
COP Tj = +7°C	6.55	5.05
Cdh Tj = +7 °C	0.900	0.900
Pdh Tj = 12°C	2.40 kW	3.90 kW
COP Tj = 12°C	8.30	6.30
Cdh Tj = +12 °C	0.900	0.900
Pdh Tj = Tbiv	5.70 kW	7.20 kW
COP Tj = Tbiv	3.00	2.15
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	5.70 kW	7.20 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	3.00	2.15
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.900	0.900
WTOL	75 °C	75 °C
Poff	10 W	10 W
PTO	30 W	30 W
PSB	10 W	10 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	n/a
Supplementary Heater: PSUP	0.00 kW	kW
Annual energy consumption Qhe	2248 kWh	3856 kWh