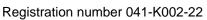


Subtype 22. Yutaki M 4.0HP (tri)	
Certificate Holder	Johnson Controls-Hitachi AirConditioning Spain
Address	Ronda Shimizu, 1. Pol. Ind. Can Torrella
ZIP	08233
City	Vacarisses, Barcelona
Country	ES
Certification Body	BRE Global Limited
Subtype title	22. Yutaki M 4.0HP (tri)
Registration number	041-K002-22
leat Pump Type	Outdoor Air/Water
Refrigerant	R410A
Mass of Refrigerant	2.8 kg



Model RASM-4NE - Heating Only		
Model name	RASM-4NE - Heating Only	
Application	Heating (medium temp)	
Units	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 12102-1 Average Climate		
	Low temperature	Medium temperature
Sound power level outdoor	64 dB(A)	64 dB(A)
EN 14825 Average Climate		
	Low temperature	Medium temperature
ης	186 %	135 %
Prated	11.00 kW	10.00 kW
SCOP	4.73	3.45
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7 °C	9.60 kW	8.60 kW
$COP Tj = -7^{\circ}C$	2.74	1.80
Pdh Tj = $+2$ °C	5.84 kW	5.23 kW
$COP Tj = +2^{\circ}C$	5.20	3.60
Pdh Tj = $+7^{\circ}$ C	3.76 kW	3.52 kW
$COP Tj = +7^{\circ}C$	5.80	4.80
Pdh $Tj = 12$ °C	3.70 kW	3.60 kW
COP Tj = 12°C	6.40	5.80
Pdh Tj = Tbiv	9.60 kW	8.60 kW
COP Tj = Tbiv	2.74	1.80
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	10.50 kW	8.80 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.65	1.90
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.90	0.90





WTOL	55 °C	55 °C
Poff	19 W	19 W
PTO	0 W	0 W
PSB	19 W	19 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.50 kW	1.20 kW
Annual energy consumption Qhe	4736 kWh	5808 kWh



M. I. I. DAGMANE		
Model RASM-4NE - with cooling kit		
Model name	RASM-4NE - with cooling kit	
Application	Heating (medium temp)	
Units	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	
on pour product	.,,,	
Outdoor Air/Water		
EN 14511-4 Heating		
Shutting off the heat transfer medium flow	passed	
Complete power supply failure	passed	
Defrost test	passed	
EN 12102-1 Average Climate		
	Low temperature	Medium temperature
Sound power level outdoor	64 dB(A)	64 dB(A)
EN 14025 Average Climate		
EN 14825 Average Climate		"
	Low temperature	Medium temperature
ης	189 %	137 %
Prated	11.00 kW	10.00 kW
SCOP	4.80	3.50
Tbiv	-7 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7° C	9.60 kW	8.60 kW
$COP Tj = -7^{\circ}C$	2.74	1.80
Pdh Tj = $+2$ °C	5.84 kW	5.23 kW
$COP Tj = +2^{\circ}C$	5.20	3.60
Pdh Tj = $+7^{\circ}$ C	3.76 kW	3.52 kW
$COP Tj = +7^{\circ}C$	5.80	4.80
Pdh Tj = 12°C	3.70 kW	3.60 kW
COP Tj = 12°C	6.40	5.80
Pdh Tj = Tbiv	9.60 kW	8.60 kW
COP Tj = Tbiv	2.74	1.80
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	10.50 kW	8.80 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.65	1.90
Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	0.90	0.90



WTOL	55 °C	55 °C
Poff	19 W	19 W
PTO	0 W	0 W
PSB	19 W	19 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	Electricity	Electricity
Supplementary Heater: PSUP	0.50 kW	1.20 kW
Annual energy consumption Qhe	4666 kWh	5738 kWh