

Subtype Triple C R32 - RAM-90NYP5E & TAW-270RHC

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	Triple C R32 - RAM-90NYP5E & TAW-270RHC
Registration number	041-K002-47
Heat Pump Type	Heat Pump for Domestic Hot Water (DHW)
Refrigerant	R32
Mass of Refrigerant	2.4 kg
Certification Date	07.08.2020
Testing basis	HP Keymark Scheme Rules Rev 07

**Model RAM-90NYP5E & TAW-270RHC**

Model name	RAM-90NYP5E & TAW-270RHC
Application	n/a
Units	Indoor, Outdoor
Climate zone (for heating)	Warmer, Warmer Climate
Heat Source	Outdoor Air
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

**General data**

Power supply	1x230V 50Hz
Off-peak product	Yes

**Heat Pump for Domestic Hot Water (DHW)****EN 16147 | Operating test**

Temperature operating range	2
Safety devices checking test	2
Condensate draining	2

**EN 12102-2 | Average Climate**

Sound power level indoor	16 dB(A)
Sound power level outdoor	65 dB(A)

**EN 16147 | Average Climate**

Declared load profile	XL
Efficiency $\eta_{DHW}$	117 %
COP	2.90
Heating up time	2:45 h:min
Standby power input	29.0 W
Reference hot water temperature	52.8 °C
Mixed water at 40°C	360 l

**EN 12102-2 | Warmer Climate**

Sound power level indoor	16 dB(A)
Sound power level outdoor	65 dB(A)

**EN 16147 | Warmer Climate**

Declared load profile	XL
Efficiency $\eta_{DHW}$	130 %
COP	3.20
Heating up time	2:35 h:min
Standby power input	29.0 W
Reference hot water temperature	52.8 °C
Mixed water at 40°C	360 l