

## Subtype Triple C R32 - RAM-53NYP3E &amp; TAW-190RHC

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-53NYP3E & TAW-190RHC
Registration number	041-K002-42
Heat Pump Type	Heat Pump for Domestic Hot Water (DHW)
Refrigerant	R32
Mass of Refrigerant	2.05 kg
Certification Date	07.08.2020
Testing basis	HP Keymark Scheme Rules Rev 07

## Model RAM-53NYP3E & TAW-190RHC

Model name	RAM-53NYP3E & TAW-190RHC
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	63 dB(A)

### EN 16147 | Average Climate

Declared load profile	L
Efficiency $\eta_{DHW}$	126 %
COP	3.10
Heating up time	2:20 h:min
Standby power input	26.0 W
Reference hot water temperature	52.6 °C
Mixed water at 40°C	256 l

### EN 12102-2 | Warmer Climate

Sound power level indoor	16 dB(A)
Sound power level outdoor	63 dB(A)

### EN 16147 | Warmer Climate

Declared load profile	L
Efficiency $\eta_{DHW}$	136 %
COP	3.35
Heating up time	2:10 h:min
Standby power input	26.0 W
Reference hot water temperature	52.6 °C
Mixed water at 40°C	256 l