

This information was generated by the HP KEYMARK database on 17 Dec 2020

Summary of	Triple C R32 - RAM-53NYP3E & TAW-190RHC	Reg. No.	041-K002-42
Certificate Holder			
Name	Johnson Controls-Hitachi AirConditioning Spain		
Address	Ronda Shimizu, 1. Pol. Ind. Can Torrella	Zip	08233
City	Vacarisses, Barcelona	Country	Spain
Certification Body	BRE Energy & Communications Division		
Name of testing laboratory	CEIS, Móstoles, Spain		
Subtype title	Triple C R32 - RAM-53NYP3E & TAW-190RHC		
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

### General Data

Power supply	1x230V 50Hz
Off-peak product	Yes

### Domestic Hot Water (DHW)

### Operating test

#### EN 16147

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

### Average Climate

#### EN 12102-2

Sound power level indoor	0 dB(A)
Sound power level outdoor	63 dB(A)

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<b>EN 16147</b>	
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

## Warmer Climate

<b>EN 16147</b>	
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

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EN 12102-2	
Sound power level indoor	0 dB(A)
Sound power level outdoor	63 dB(A)