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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 Global Limited		
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

Configure model	
Model name	RAM-53NYP3E & TAW-190RHC
Units	Indoor + Outdoor
Climate zone (for heating)	Warmer
Heat Source	Outdoor Air
Any additional heat sources	n/a

General Data	
Power supply	1x230V 50Hz
Off-peak product	Yes

Domestic Hot Water (DHW)

Warmer Climate

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

<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

## Average Climate

<b>EN 12102-2</b>	
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

## Operating test

<b>EN 16147</b>	
Temperature operating range	passed
Safety devices checking test	passed
Condensate draining	passed