

Subtype Triple C R32 - RAM-53NYP3E & 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-53NYP3E & TAW-270RHC
Registration number	041-K002-43
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-270RHC

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

EN 16147 | Average Climate

Declared load profile	XL
Efficiency η_{DHW}	130 %
COP	3.20
Heating up time	3:10 h:min
Standby power input	26.0 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	63 dB(A)

EN 16147 | Warmer Climate

Declared load profile	XL
Efficiency η_{DHW}	145 %
COP	3.58
Heating up time	3:00 h:min
Standby power input	26.0 W
Reference hot water temperature	52.8 °C
Mixed water at 40°C	360 l