

Subtype Triple C R32 - RAM-90NYP5E & TAW-190RHC

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|---------------------|--|
| 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-190RHC |
| Registration number | 041-K002-46 |
| 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-190RHC

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|-------------------------------------|--------------------------|
| Model name | RAM-90NYP5E & 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

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|------------------|-------------|
| Power supply | 1x230V 50Hz |
| Off-peak product | Yes |

Heat Pump for Domestic Hot Water (DHW)

EN 16147 | Operating test

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

EN 12102-2 | Average Climate

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

EN 16147 | Average Climate

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|---------------------------------|------------|
| Declared load profile | L |
| Efficiency η_{DHW} | 110 % |
| COP | 2.72 |
| Heating up time | 2:10 h:min |
| Standby power input | 27.0 W |
| Reference hot water temperature | 52.6 °C |
| Mixed water at 40°C | 256 l |

EN 12102-2 | Warmer Climate

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

EN 16147 | Warmer Climate

| | |
|---------------------------------|------------|
| Declared load profile | L |
| Efficiency η_{DHW} | 122 % |
| COP | 3.00 |
| Heating up time | 2:00 h:min |
| Standby power input | 27.0 W |
| Reference hot water temperature | 52.6 °C |
| Mixed water at 40°C | 256 l |