

Subtype YKF B 12 14 16kW with 240L tank

Certificate Holder	Johnson Controls Industries
Address	14 Rue de Bel Air
ZIP	44470
City	Carquefou
Country	FR
Certification Body	BRE Global Limited
Subtype title	YKF B 12 14 16kW with 240L tank
Registration number	041-K017-08
Heat Pump Type	Outdoor Air/Water
Refrigerant	R32
Mass of Refrigerant	1.84 kg
Certification Date	04.08.2022
Testing basis	Heat Pump Keymark Scheme Rules Rev 09

Model YKF12ANB + YKF160/240ANB

Model name	YKF12ANB + YKF160/240ANB
Application	Heating + DHW + low temp
Units	Indoor, Outdoor
Climate zone (for heating)	Warmer Climate, Colder Climate
Reversibility	Yes
Cooling mode application (optional)	n/a
Any additional heat sources	n/a

General data

Power supply	1x230V 50Hz
Off-peak product	n/a

Outdoor Air/Water

EN 16147 | Average Climate

Declared load profile	XL
Efficiency η_{DHW}	123 %
COP	3.00
Heating up time	1:38 h:min
Standby power input	34.0 W
Reference hot water temperature	48.5 °C
Mixed water at 40°C	280 l

EN 16147 | Colder Climate

Declared load profile	XL
Efficiency η_{DHW}	92 %
COP	2.24
Heating up time	2:06 h:min
Standby power input	36.0 W
Reference hot water temperature	48.5 °C
Mixed water at 40°C	280 l

EN 16147 | Warmer Climate

Declared load profile	XL
Efficiency η_{DHW}	153 %
COP	3.73
Heating up time	1:33 h:min
Standby power input	30.0 W
Reference hot water temperature	48.5 °C
Mixed water at 40°C	280 l

Model YKF14ANB + YKF160/240ANB

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Reversibility	Yes
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General data

Power supply	3x400V 50Hz
Off-peak product	n/a

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