

Subtype Aquantia BI PRO 12 -14 -16 XL DHW Tank

Certificate Holder	Frigicoll
Address	Blasco de Garay, 4 6
ZIP	08960
City	Sant Just Desvern
Country	ES
Certification Body	BRE Global Limited
Subtype title	Aquantia BI PRO 12 -14 -16 XL DHW Tank
Registration number	041-K009-10
Heat Pump Type	Outdoor Air/Water
Refrigerant	R32
Mass of Refrigerant	1.84 kg
Certification Date	31.03.2021
Testing basis	Heat Pump Keymark Scheme Rules Rev 08

Model KHP-BI 12 DVR2 + KHPI-BI-16VR2XL

Model name	KHP-BI 12 DVR2 + KHPI-BI-16VR2XL
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 KHP-BI 14 DVR2 + KHPI-BI-16VR2XL

Model name	KHP-BI 14 DVR2 + KHPI-BI-16VR2XL
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

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Standby power input	30.0 W
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Mixed water at 40°C	280 l

Model KHP-BI 16 DVR2 + KHPI-BI-16VR2XL

Model name	KHP-BI 16 DVR2 + KHPI-BI-16VR2XL
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
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Standby power input	30.0 W
Reference hot water temperature	48.5 °C
Mixed water at 40°C	280 l

Model KHP-BI 12 DTR2 + KHPI-BI-16VR2XL

Model name	KHP-BI 12 DTR2 + KHPI-BI-16VR2XL
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
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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	3x400V 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
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Reversibility	Yes
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