

Subtype KR10/100DN5W-M4 Series

Certificate Holder	Guangdong Vanward Electric Co., Ltd.
Address	East Side of Yangxi Avenue (Renhe), Yanghe, Gaoming, Foshan
ZIP	
City	Guangdong
Country	CN
Certification Body	BRE Global Limited
Subtype title	KR10/100DN5W-M4 Series
Registration number	041-K112-02
Heat Pump Type	Heat Pump for Domestic Hot Water (DHW)
Refrigerant	R290
Mass of Refrigerant	0.15 kg
Certification Date	03.03.2025
Testing basis	Heat Pump Keymark Scheme Rules Rev 15

**Model KR10/100DN5W-M4**

Model name	KR10/100DN5W-M4
Application	n/a
Units	Indoor
Climate zone (for heating)	Colder, Warmer
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	No

**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	49 dB(A)
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**EN 16147 | Average Climate**

Declared load profile	M
Efficiency $\eta_{DHW}$	124 %
COP	2.98
Heating up time	5:47 h:min
Standby power input	33.0 W
Reference hot water temperature	47.5 °C
Mixed water at 40°C	106 l

**EN 12102-2 | Colder Climate**

Sound power level indoor	52 dB(A)
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**EN 16147 | Colder Climate**

Declared load profile	M
Efficiency $\eta_{DHW}$	96 %
COP	2.33
Heating up time	8?2 h:min
Standby power input	35.0 W
Reference hot water temperature	47.6 °C
Mixed water at 40°C	107 l

**EN 12102-2 | Warmer Climate**

Sound power level indoor 54 dB(A)

EN 16147 | Warmer Climate

Declared load profile	M
Efficiency $\eta_{DHW}$	137 %
COP	3.31
Heating up time	4:47 h:min
Standby power input	28.0 W
Reference hot water temperature	47.7 °C
Mixed water at 40°C	106 l

**Model KR10/100DN5W-M42**

Model name	KR10/100DN5W-M42
Application	n/a
Units	Indoor
Climate zone (for heating)	Colder, Warmer
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	No

**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	49 dB(A)
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**EN 16147 | Average Climate**

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COP	2.98
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Reference hot water temperature	47.5 °C
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Sound power level indoor 54 dB(A)

EN 16147 | Warmer Climate

Declared load profile	M
Efficiency $\eta_{DHW}$	137 %
COP	3.31
Heating up time	4:47 h:min
Standby power input	28.0 W
Reference hot water temperature	47.7 °C
Mixed water at 40°C	106 l

**Model KR10/100DN5W-M43**

Model name	KR10/100DN5W-M43
Application	n/a
Units	Indoor
Climate zone (for heating)	Colder, Warmer
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	No

**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	49 dB(A)
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**EN 16147 | Average Climate**

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Reference hot water temperature	47.5 °C
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Reference hot water temperature	47.6 °C
Mixed water at 40°C	107 l

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Sound power level indoor 54 dB(A)

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Declared load profile	M
Efficiency $\eta_{DHW}$	137 %
COP	3.31
Heating up time	4:47 h:min
Standby power input	28.0 W
Reference hot water temperature	47.7 °C
Mixed water at 40°C	106 l

**Model KR10/100DN5W-M3**

Model name	KR10/100DN5W-M3
Application	n/a
Units	Indoor
Climate zone (for heating)	Colder, Warmer
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	No

**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	49 dB(A)
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**Model KR10/100DN5W-M32**

Model name	KR10/100DN5W-M32
Application	n/a
Units	Indoor
Climate zone (for heating)	Colder, Warmer
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	No

**Heat Pump for Domestic Hot Water (DHW)****EN 16147 | Operating test**

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

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Mixed water at 40°C	106 l

**Model KR10/100DN5W-M33**

Model name	KR10/100DN5W-M33
Application	n/a
Units	Indoor
Climate zone (for heating)	Colder, Warmer
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	No

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