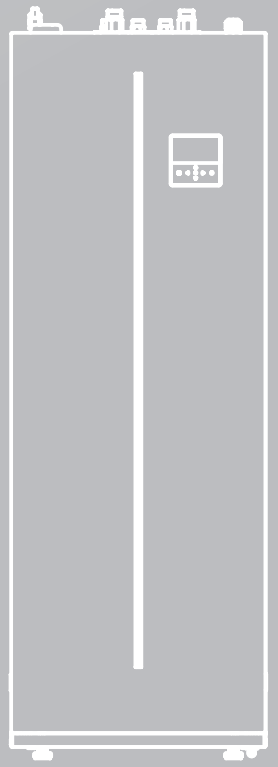
TECHNICAL DATA MANUAL

ATW Heat Pump



IMPORTANT NOTE:

Thank you very much for purchasing our product,
Before using your unit , please read this manual carefully and keep it for future reference.

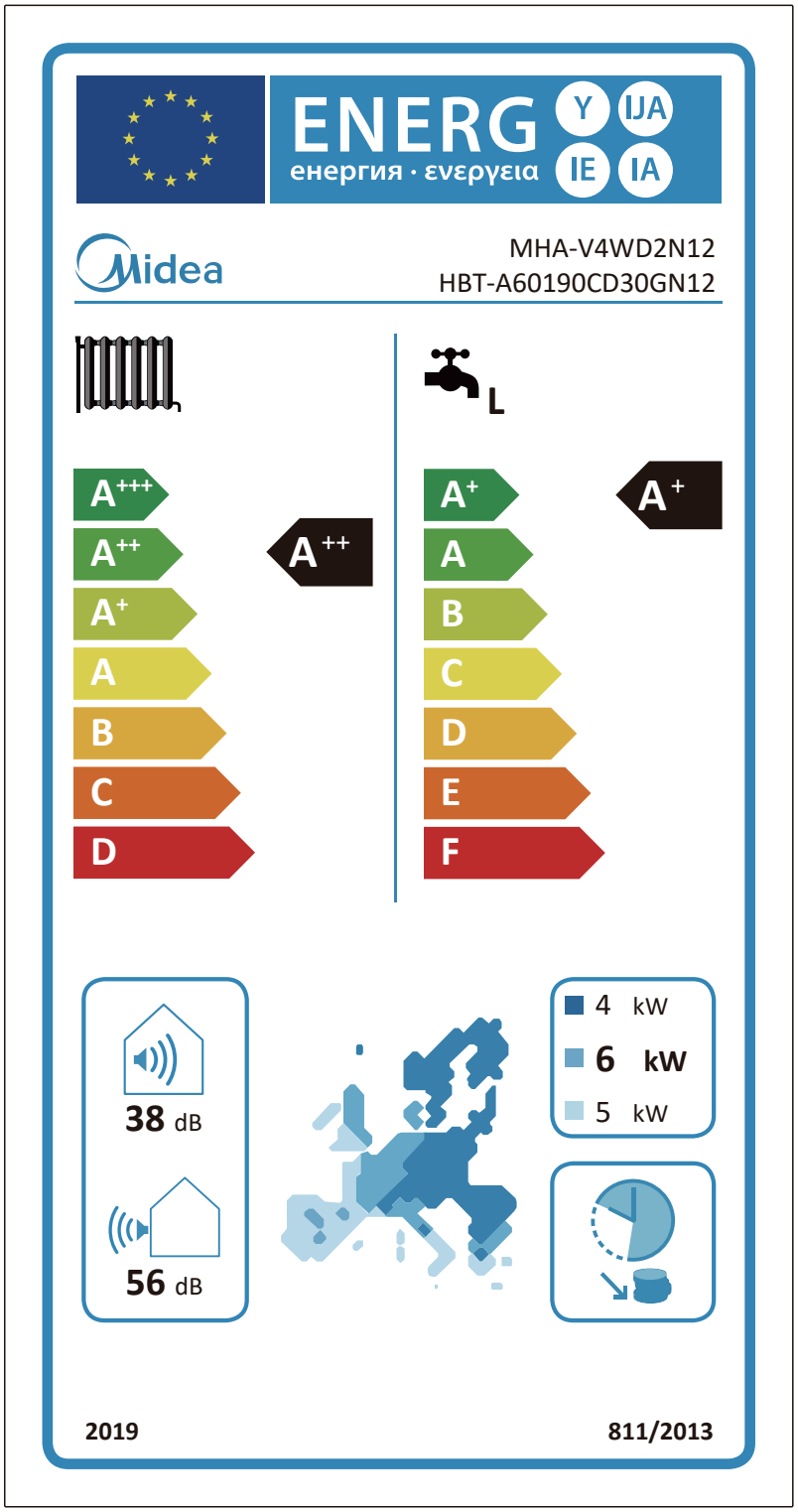
Product fiche

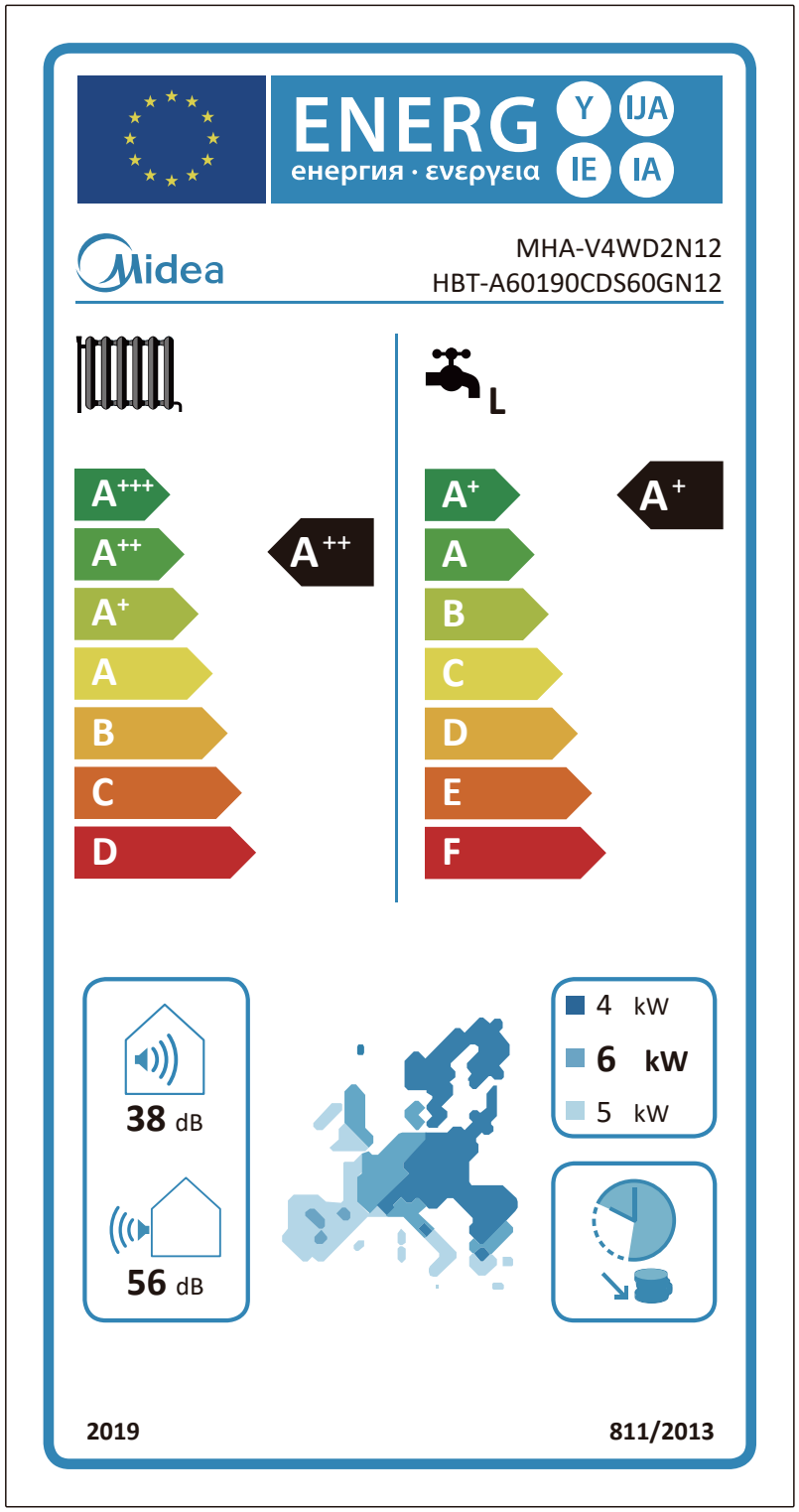
Heat pump combination heater		Outdoor	MHA-V4WD2N12	MHA-V6WD2N12	MHA-V8WD2N12	MHA-V10WD2N12
		Indoor	HBT-A60190CD***GN12	HBT-A60190CD***GN12	HBT-A100190CD***GN12	HBT-A100190CD***GN12
Indoor unit sound power(*)		dB	38	38	40	40
Outdoor unit sound power(*)		dB	56	59	60	61
Water heating	Declared load profile	-	L	L	L	L
	Energy efficiency class	-	A+	A+	A+	A+
Average climate						
Water heating	Water heating energy efficiency(ηwh)	[%]	118	118	115	115
	Annual electricity consumption (AEC)	[kWh]	869	869	891	891
Off-peak operation function integrated in heat pump		Y/N	Y	Y	Y	Y
Colder climate						
Water heating	Water heating energy efficiency(ηwh)	[%]	99	99	93	93
	Annual electricity consumption (AEC)	[kWh]	1036	1036	1103	1103
Warmer climate						
Water heating	Water heating energy efficiency(ηwh)	[%]	135	135	130	130
	Annual electricity consumption (AEC)	[kWh]	759	759	789	789
Ecodesign technical data						
Product description	Air-to-water heat pump	Y/N	Y	Y	Y	Y
	Water-to-water heat pump	Y/N	N	N	N	N
	Brine-to-water heat pump	Y/N	N	N	N	N
	Low-temperature heat pump	Y/N	N	N	N	N
	Equipped with a supplementary heater	Y/N	Y	Y	Y	Y
	Heat pump combination heater	Y/N	Y	Y	Y	Y
Air-to-water unit	Rated airflow (outdoor)	[m3/h]	3300	3600	4800	5000
Brine/water-to-water heat pump	Rated brine/water flow (outdoor H/E)	[m3/h]	-	-	-	-

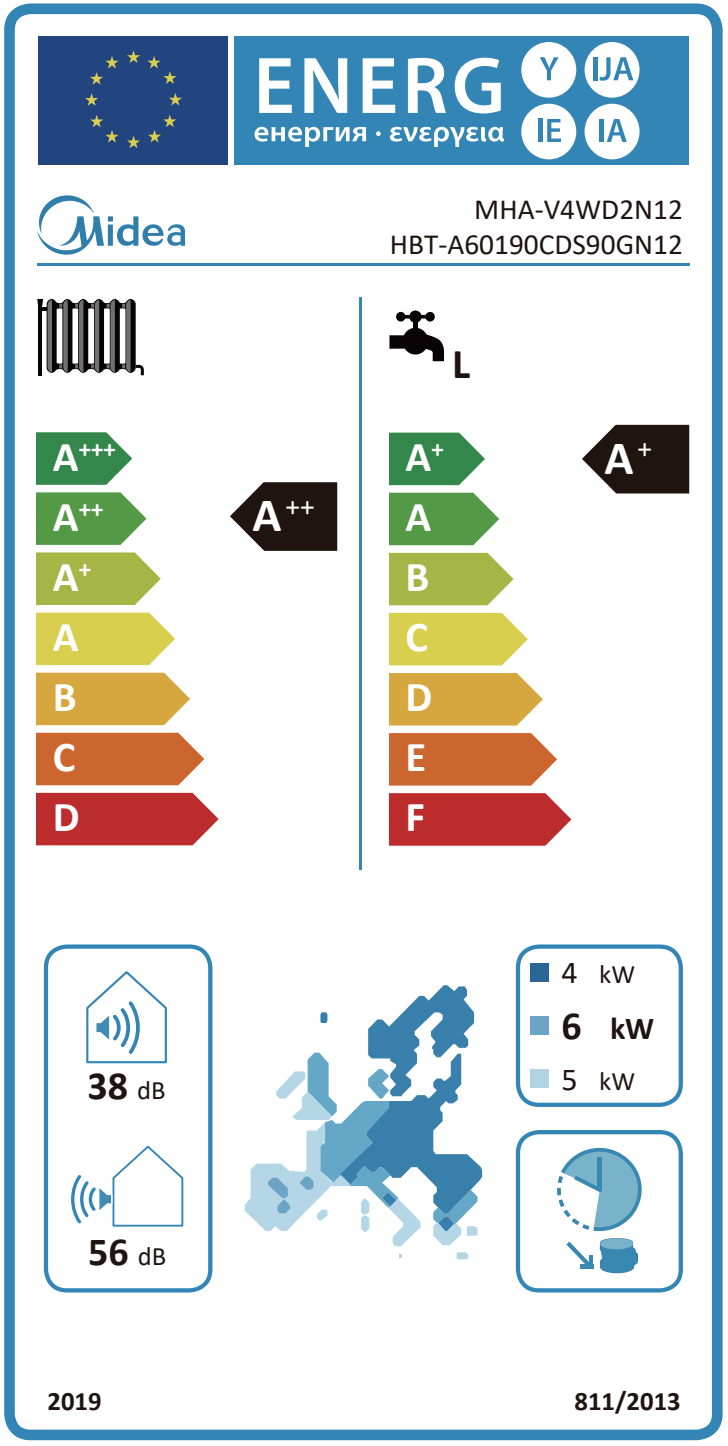
Heat pump combination heater		Outdoor	MHA-V4WD2N12	MHA-V6WD2N12	MHA-V8WD2N12	MHA-V10WD2N12
		Indoor	HBT-A60190CD***GN12	HBT-A60190CD***GN12	HBT-A100190CD***GN12	HBT-A100190CD***GN12
Other	Capacity control	-	Y	Y	Y	Y
	Poff (Power consumption Off mode)	[kW]	0.01	0.01	0.01	0.01
	Pto (Power consumption Thermostat off mode)	[kW]	0.015	0.015	0.015	0.015
	Psb (Power consumption Standby mode)	[kW]	0.01	0.01	0.01	0.01
	PCK (Power crankcase heater model)	[kW]	0	0	0	0
	Qelec (Daily electricity consumption)	[kWh]	3.95	3.95	4.05	4.05
	Qfuel (Daily fuel consumption)	[kWh]	-	-	-	-

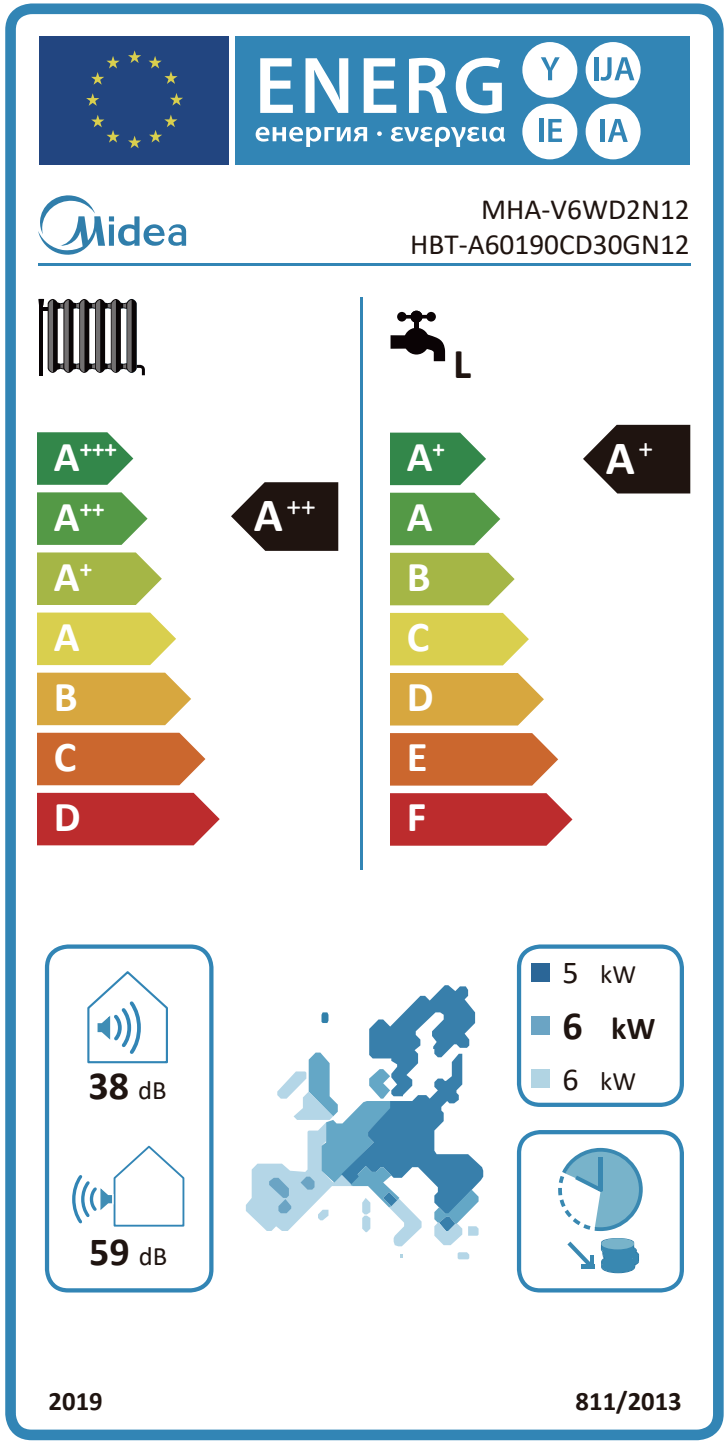
Indoor unit type explanation:
1.HBT-A60190CD***GN12 includes the following type:
HBT-A60190CD30GN12: 190L tank with 3kW back-up heater and 1-Phase Source.
HBT-A60190CDS60GN12: 190L tank with 6kW back-up heater and 3-Phase Source.
HBT-A60190CDS90GN12: 190L tank with 9kW back-up heater and 3-Phase Source.
2.HBT-A100190CD***GN12 includes the following type:
HBT-A100190CD30GN12: 190L tank with 3kW back-up heater and 1-Phase Source.
HBT-A100190CDS60GN12: 190L tank with 6kW back-up heater and 3-Phase Source.
HBT-A100190CDS90GN12: 190L tank with 9kW back-up heater and 3-Phase Source.

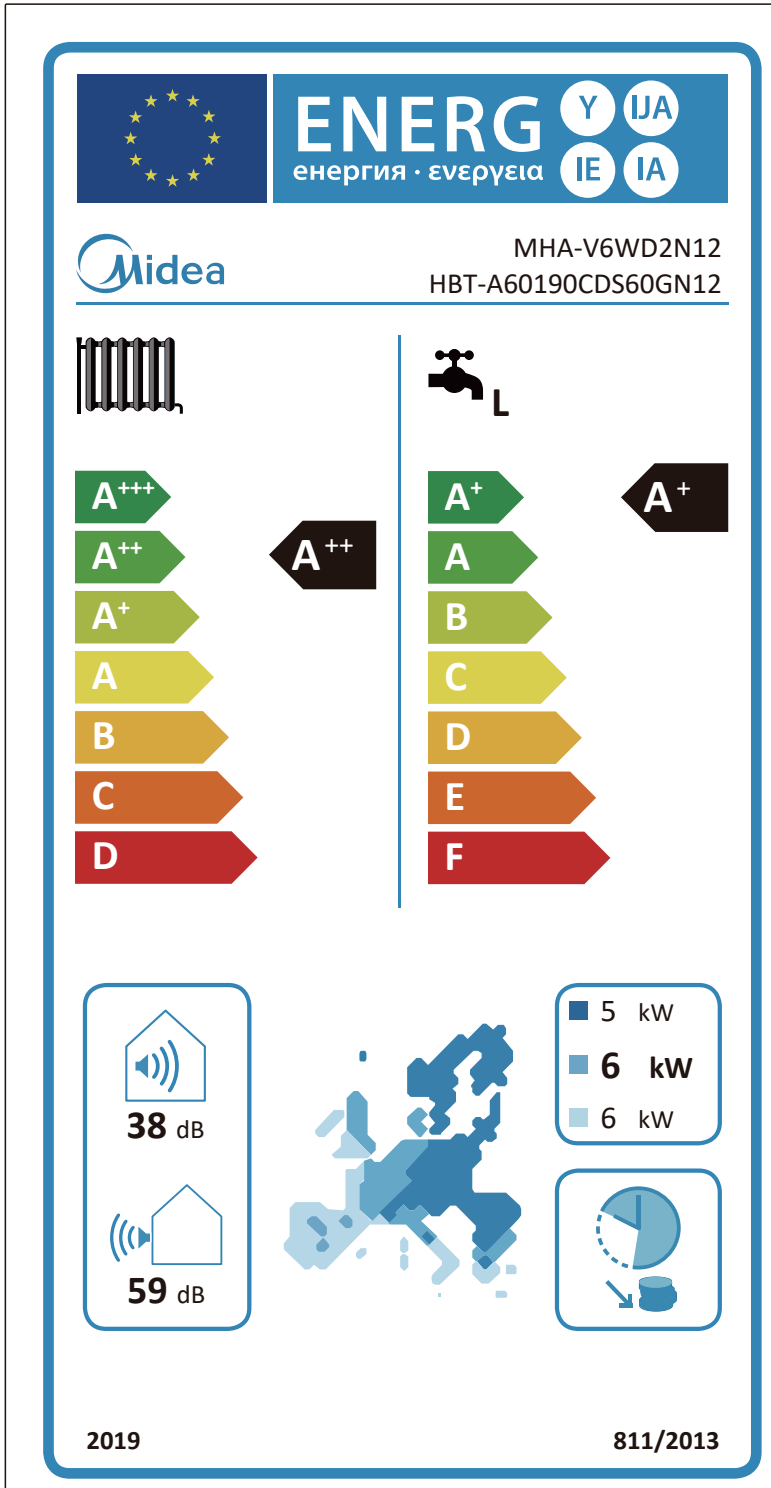
Note:
Details and precautions on installation, maintaenance and assembly can be found in the installation and or operation manuals.
(*)Sound power in heating mode, measured according to the EN 12102 under conditions of the EN 14825.
This data is for comparison of Energy efficiencies according to Energy label directive 2010/30/EU, for correct selection of produces for your application, contact your dealer.
Depending on your application and the product selected an additional supplementary heater may have to be installed.
For space cooling/heating parameters, please refer to the outdoor unit technical specification sheet.

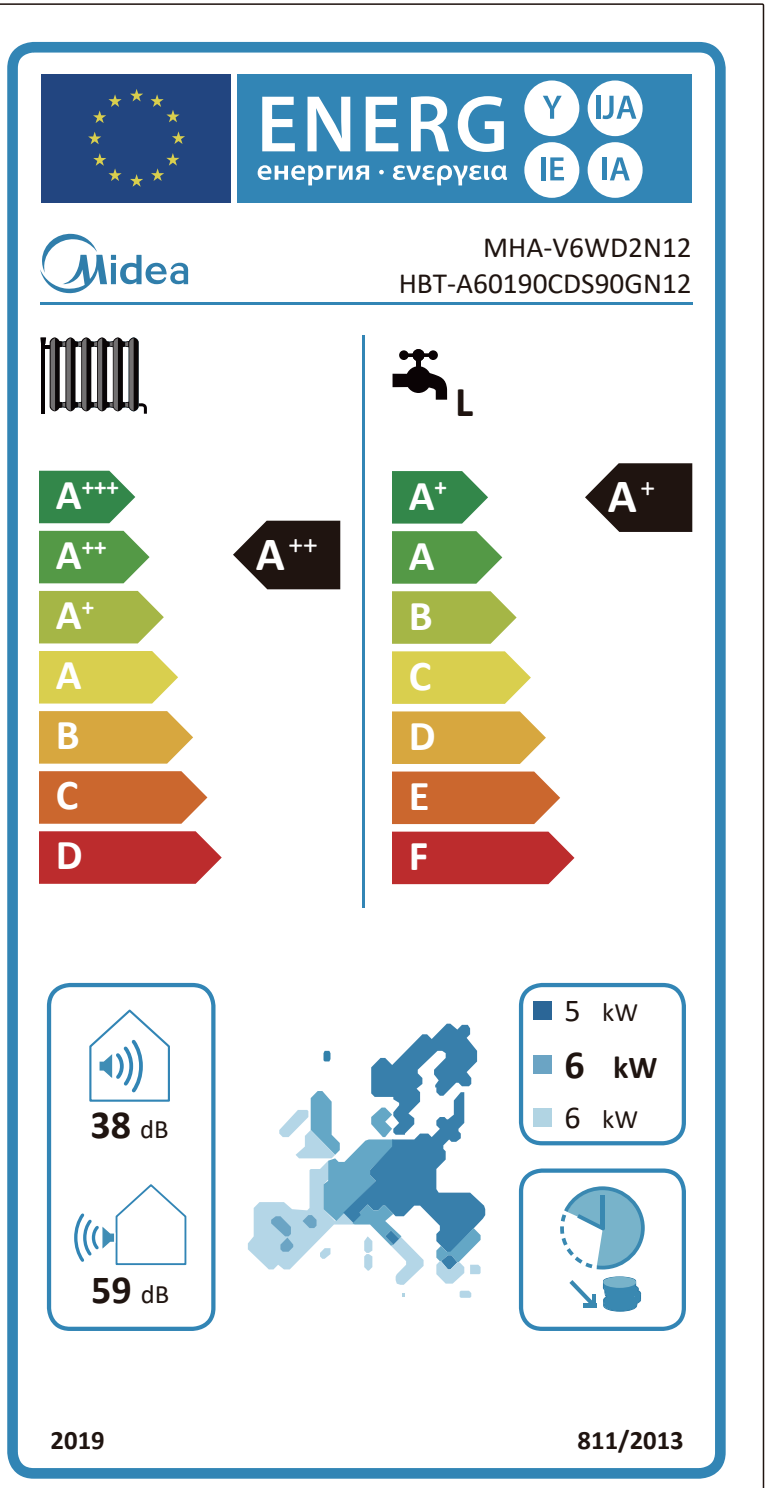

ENERG
Y
IJA
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Midea
MHA-V4WD2N12
HBT-A60190CD30GN12
L
A+++
A++
A+
A
B
C
D
A ++
A+
A
B
C
D
E
F
A +
38 dB
56 dB
4 kW
6 kW
5 kW
2019
811/2013

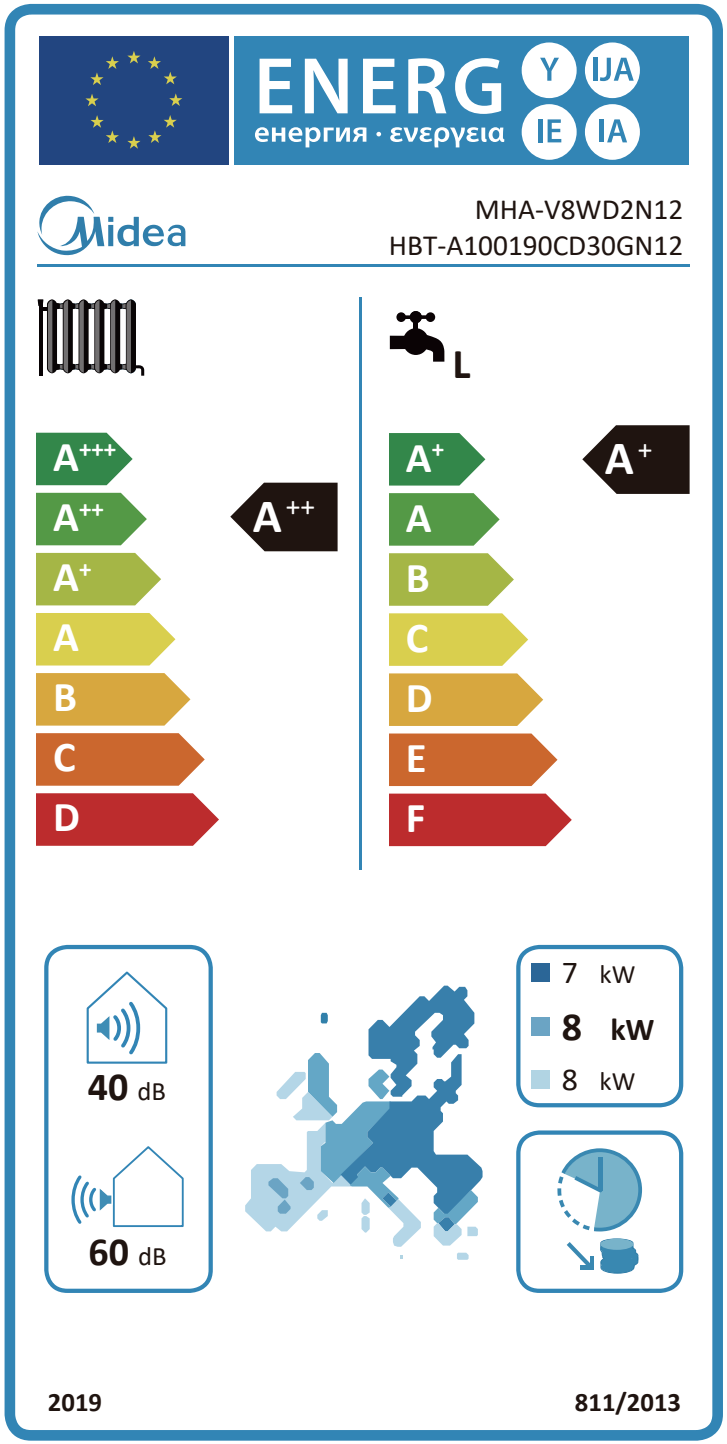

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Midea
MHA-V4WD2N12
HBT-A60190CDS60GN12
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A+++
A++
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D
A ++
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A +
38 dB
56 dB
4 kW
6 kW
5 kW
2019
811/2013

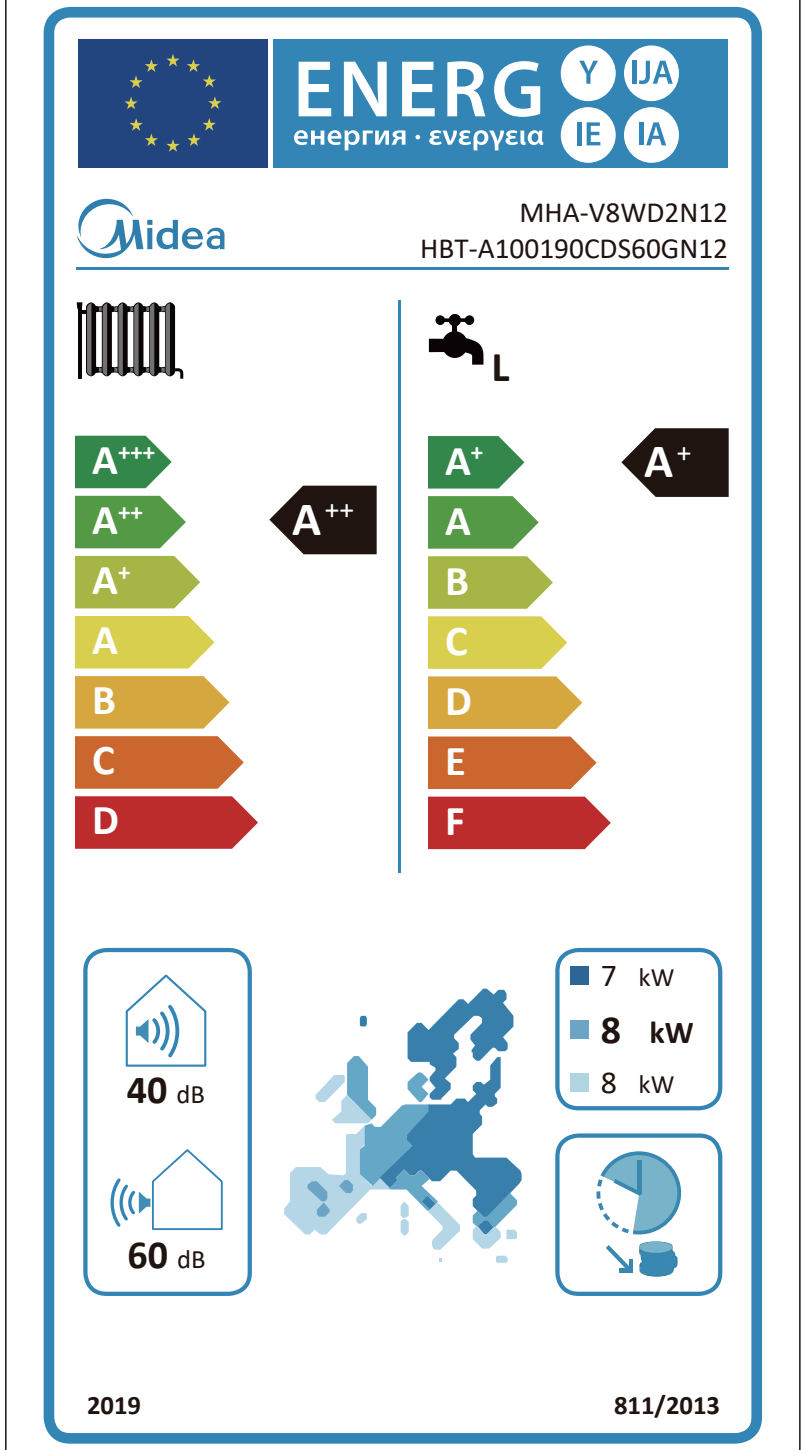

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MHA-V4WD2N12
HBT-A60190CDS90GN12
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A++
A+
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A++
A+
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C
D
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F
A+
38 dB
56 dB
4 kW
6 kW
5 kW
2019
811/2013

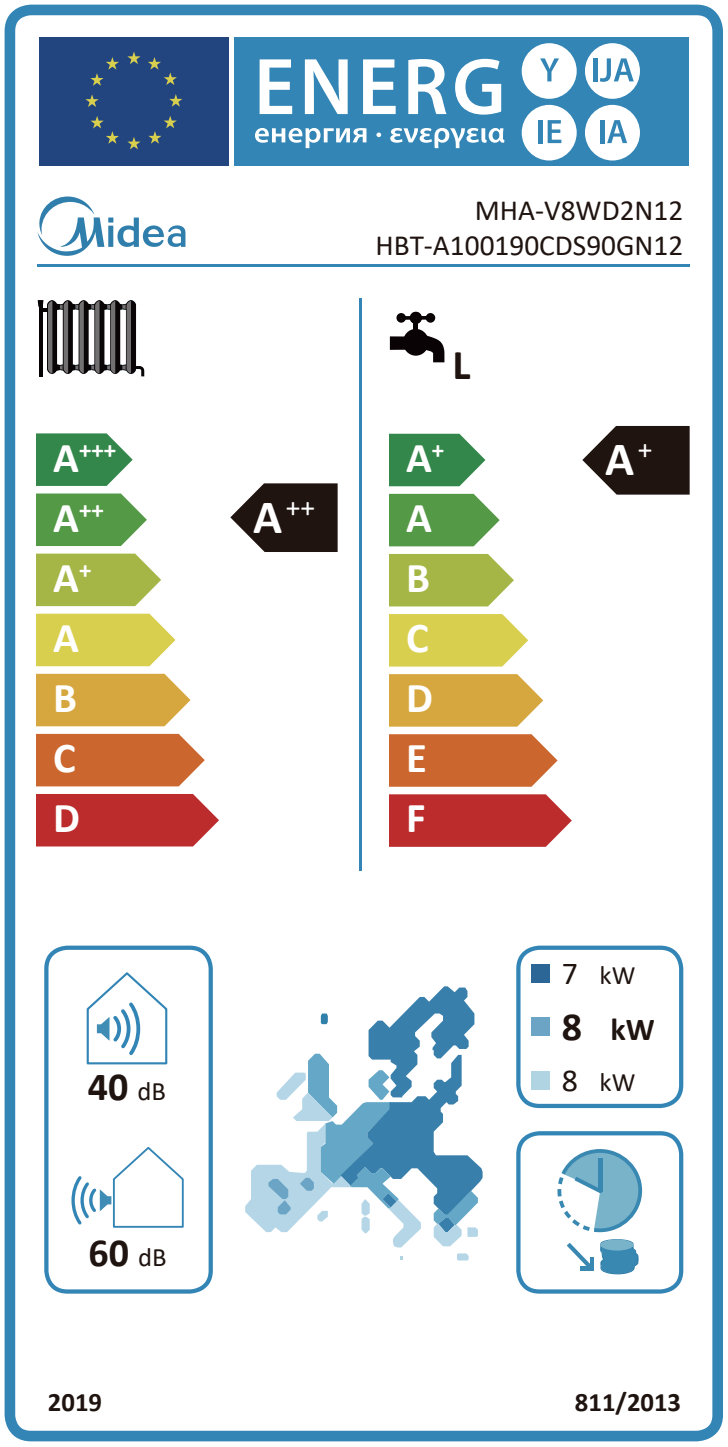

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MHA-V6WD2N12
HBT-A60190CD30GN12
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A+++
A++
A+
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A++
A+
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C
D
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F
A+
38 dB
59 dB
5 kW
6 kW
6 kW
2019
811/2013

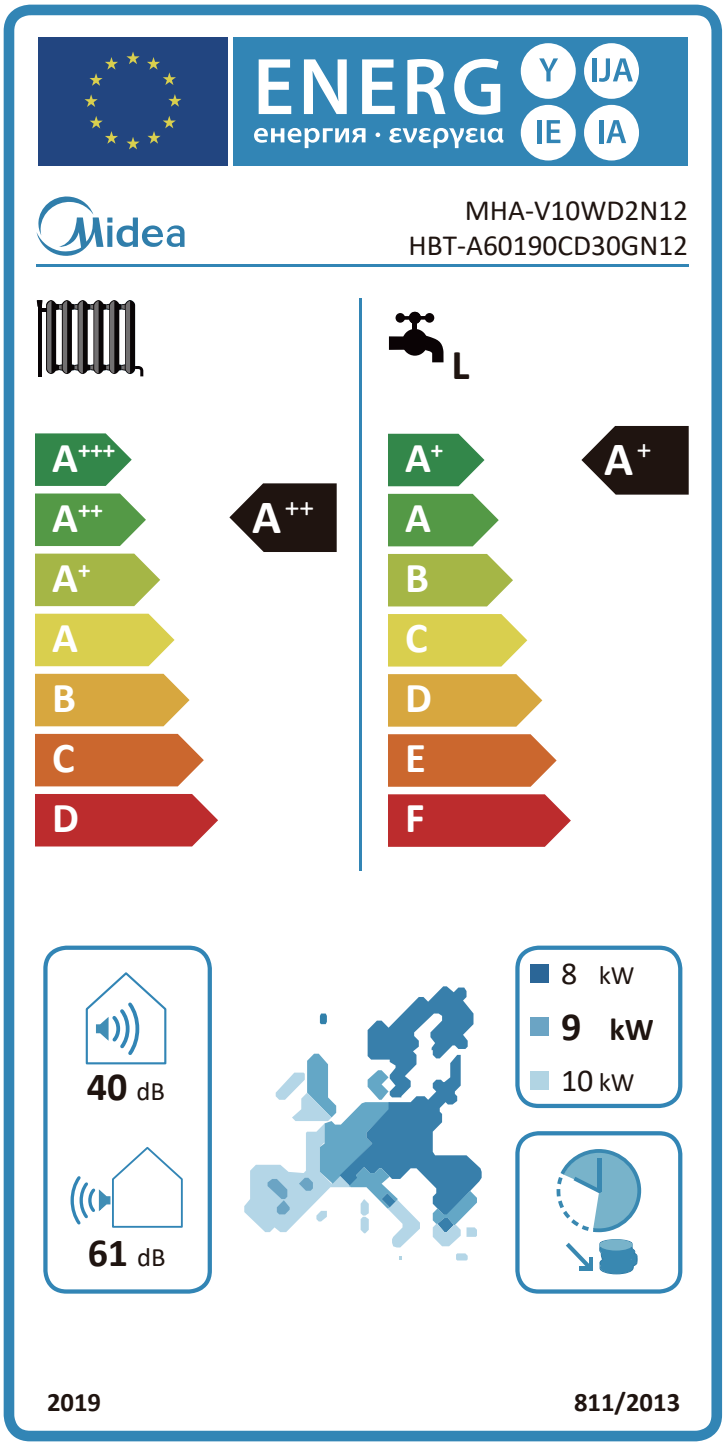

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MHA-V6WD2N12
HBT-A60190CDS60GN12
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A++
A+
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A++
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F
A+
38 dB
59 dB
5 kW
6 kW
6 kW
2019
811/2013

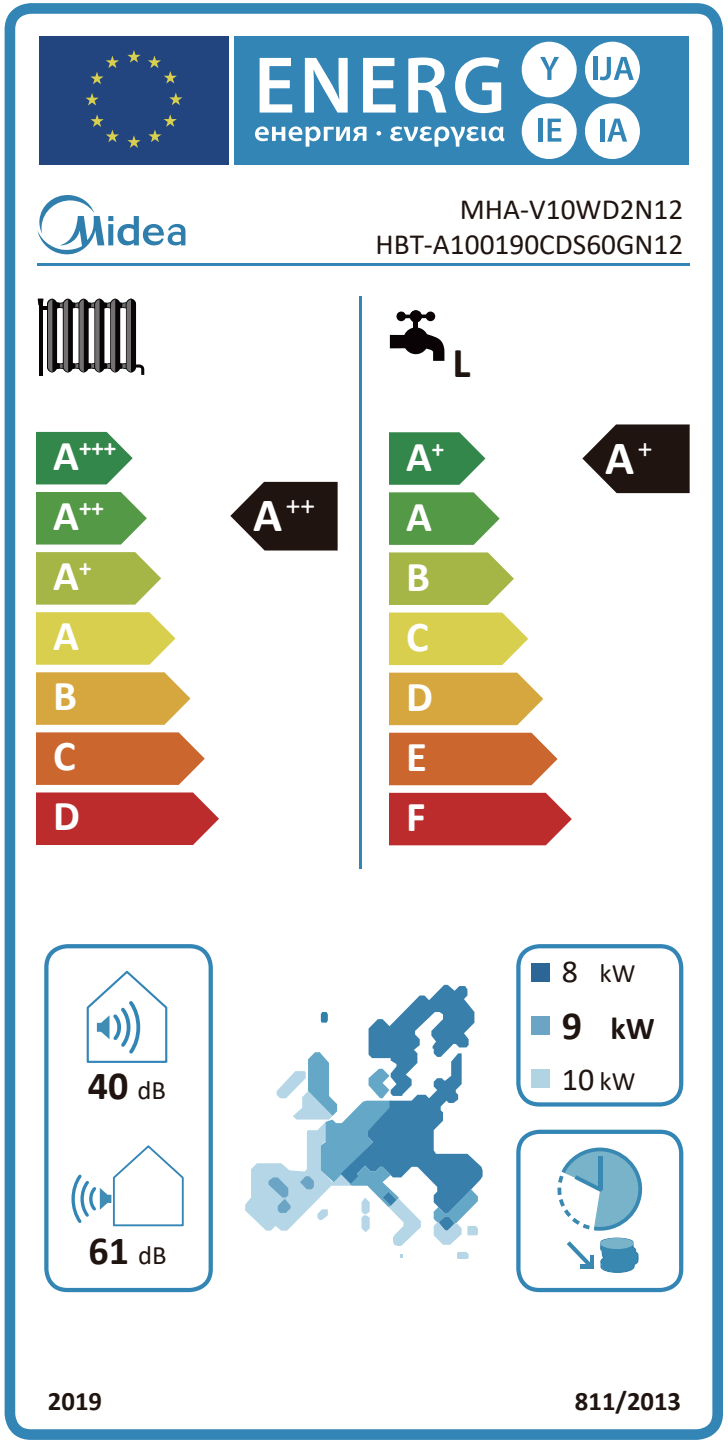

ENERG
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Midea
MHA-V6WD2N12
HBT-A60190CDS90GN12
L
A+++
A++
A+
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A+
38 dB
59 dB
5 kW
6 kW
6 kW
2019
811/2013

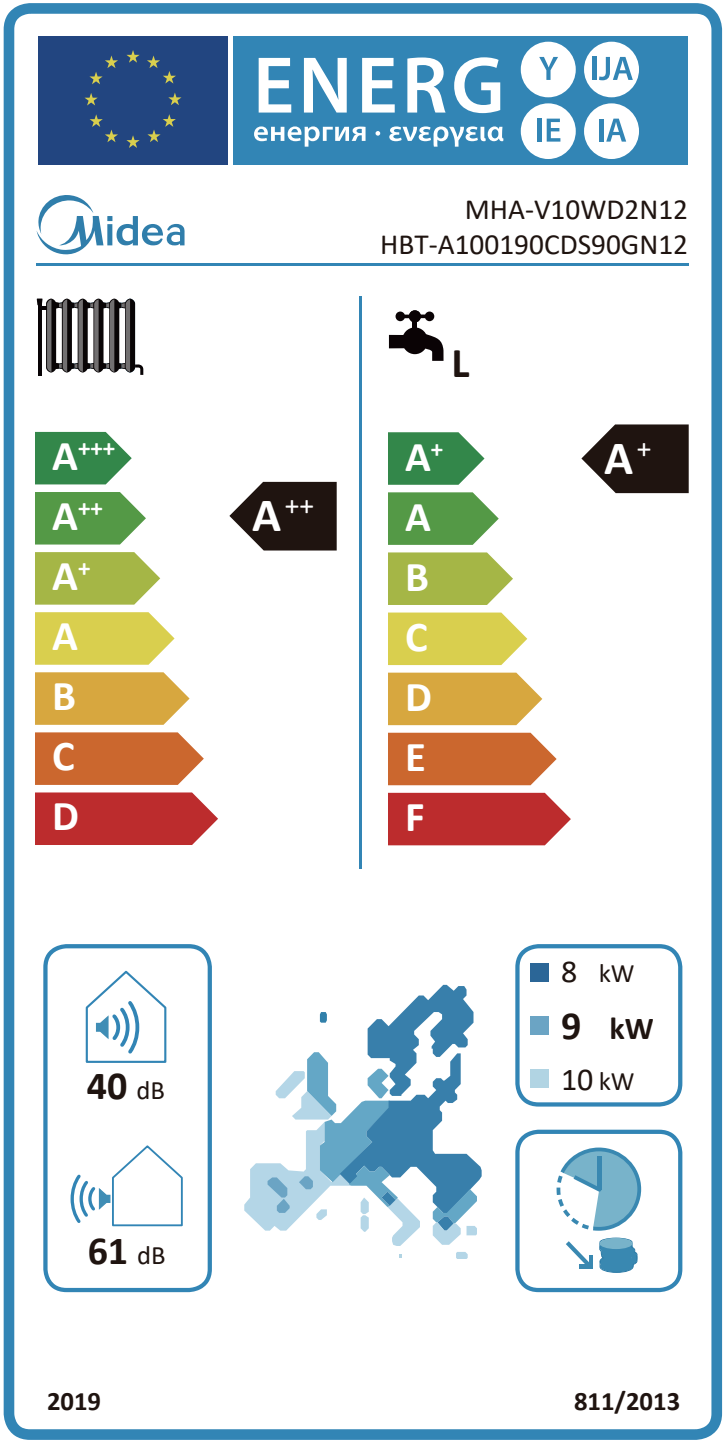

ENERG
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Y
IJA
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IA
Midea
MHA-V8WD2N12
HBT-A100190CD30GN12
L
A+++
A++
A+
A
B
C
D
A++
A+
A
B
C
D
E
F
A+
40 dB
60 dB
7 kW
8 kW
8 kW
2019
811/2013


ENERG
енергия · ενεργεια
Y
IJA
IE
IA
Midea
MHA-V8WD2N12
HBT-A100190CDS60GN12
L
A+++
A++
A+
A
B
C
D
A++
A+
A
B
C
D
E
F
A+
40 dB
60 dB
7 kW
8 kW
8 kW
2019
811/2013


ENERG
енергия · ενεργεια
Y
IJA
IE
IA
Midea
MHA-V8WD2N12
HBT-A100190CDS90GN12
L
A+++
A++
A+
A
B
C
D
A++
A+
A
B
C
D
E
F
A+
40 dB
60 dB
7 kW
8 kW
8 kW
2019
811/2013


ENERG
енергия · ενεργεια
Y
IJA
IE
IA
Midea
MHA-V10WD2N12
HBT-A60190CD30GN12
L
A+++
A++
A+
A
B
C
D
A++
A+
A
B
C
D
E
F
A+
40 dB
61 dB
8 kW
9 kW
10 kW
2019
811/2013


ENERG
енергия · ενεργεια
Y
IJA
IE
IA
Midea
MHA-V10WD2N12
HBT-A100190CDS60GN12
L
A+++
A++
A+
A
B
C
D
A++
A+
A
B
C
D
E
F
A+
40 dB
61 dB
8 kW
9 kW
10 kW
2019
811/2013


ENERG
енергия · ενεργεια
Y
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Midea
MHA-V10WD2N12
HBT-A100190CDS90GN12
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A+++
A++
A+
A
B
C
D
A++
A+
A
B
C
D
E
F
A+
40 dB
61 dB
8 kW
9 kW
10 kW
2019
811/2013

16125300005799 V.B

此页不做菲林，仅核对使用

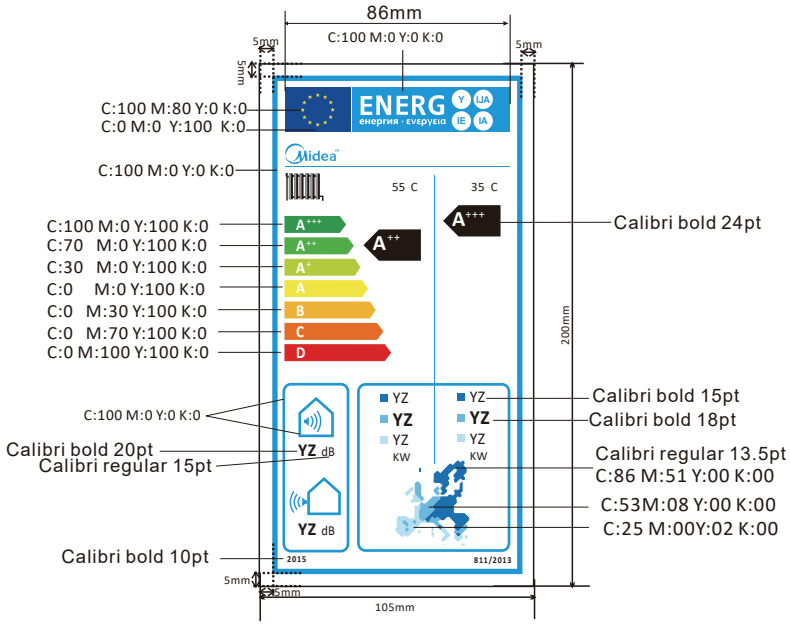
印刷技术要求

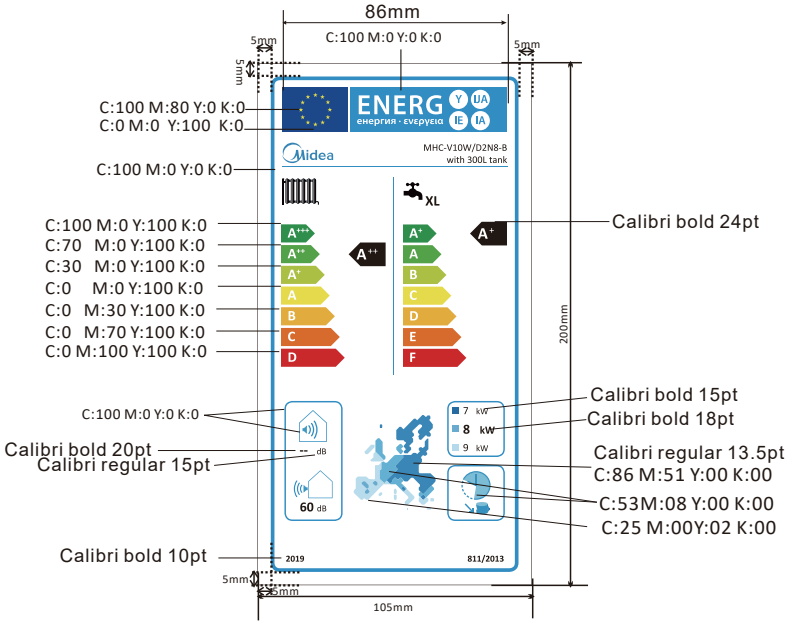
材质	双胶纸80g
规格	210*297
颜色	彩色
其他	

设计更改记录表（仅做说明用，不做菲林）

版本升级	更改人	更改日期	更改主要内容	涉及更改页面（印刷页码）
A-B	贺智辉	260911	整本说明书大修改	整本说明书大修改

颜色标注，请参照下图：


86mm
C:100 M:0 Y:0 K:0
5mm
5mm
5mm
C:100 M:80 Y:0 K:0
C:0 M:0 Y:100 K:0
ENERG
енергия · ενεργεια
Midea
C:100 M:0 Y:0 K:0
55 C
35 C
A+++
A++
C:100 M:0 Y:100 K:0
C:70 M:0 Y:100 K:0
C:30 M:0 Y:100 K:0
C:0 M:0 Y:100 K:0
C:0 M:30 Y:100 K:0
C:0 M:70 Y:100 K:0
C:0 M:100 Y:100 K:0
A+++
A++
A+
A
B
C
D
200mm
Calibri bold 24pt
C:100 M:0 Y:0 K:0
YZ dB
YZ dB
YZ
YZ
YZ
KW
YZ
YZ
YZ
KW
Calibri bold 15pt
Calibri bold 18pt
Calibri bold 20pt
Calibri regular 15pt
Calibri regular 13.5pt
C:86 M:51 Y:00 K:00
C:53M:08 Y:00 K:00
C:25 M:00Y:02 K:00
Calibri bold 10pt
2015
811/2013
5mm
5mm
105mm


86mm
C:100 M:0 Y:0 K:0
5mm
5mm
5mm
C:100 M:80 Y:0 K:0
C:0 M:0 Y:100 K:0
ENERG
енергия · ενεργεια
Midea
MHC-V10W/D2N8-B
with 300L tank
C:100 M:0 Y:0 K:0
XL
A++
A+
A+
C:100 M:0 Y:100 K:0
C:70 M:0 Y:100 K:0
C:30 M:0 Y:100 K:0
C:0 M:0 Y:100 K:0
C:0 M:30 Y:100 K:0
C:0 M:70 Y:100 K:0
C:0 M:100 Y:100 K:0
A+++
A++
A+
A
B
C
D
A
B
C
D
E
F
200mm
Calibri bold 24pt
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-- dB
60 dB
7 kW
8 kW
9 kW
Calibri bold 15pt
Calibri bold 18pt
Calibri bold 20pt
Calibri regular 15pt
Calibri regular 13.5pt
C:86 M:51 Y:00 K:00
C:53M:08 Y:00 K:00
C:25 M:00Y:02 K:00
Calibri bold 10pt
2019
811/2013
5mm
5mm
105mm