# **System M.** The new generation heat pump.





Dimplex

Μ

### Radically simple. Simply versatile.

Dimplex is the brand from Glen Dimplex Thermal Solutions that provides perfect temperature control in buildings. And now we've reinvented the heat pump! System M is the new heating-cooling system that is radically simple to choose, install and operate. System M is also simply versatile, with the right model for every wish or requirement. What all the models have in common is that they need radically little space, are uniquely well designed, efficient, quiet, and offer all-round comfort. Discover your own System M.

**System M.** Radically simple. Simply versatile. The perfect system.

### "Dear partners from crafts, installation and planning business, dear end customers,

We are pleased to present a real innovation to you. With System M we have thought the heat pump in a new way: radically simple in ordering, installation, handling and simply versatile in technology, features and design at the same time. Thereby System M offers possibilities to craftsmen as well as to end customers which are – especially by its combination – unique in the market. M like milestone: System M is the perfect heat pump system."



Ludger Kämpfer Director Sales M for Modular. What is System M, and what can it do?

Five advantages.

One system.

+ Radically attractive and functional.

+ Radically intuitive.

+ Radically efficient.

+ Radically quiet.

+ Radically comfortable.

Service M. Radically complete.

Installation M. Radically easy.

System M. At a glance.

Products. Technical data.



## M for Modular.

### "Modularisation? For a product developer like me it's like a mental puzzle: you try and create the largest number of variants with the fewest possible parts, so you can meet every important customer requirement."

Jens Rammensee, Project Manager, System M, Glen Dimplex Thermal Solutions

## M for Made in Germany.

"What is quality? It's the sum of numerous factors. One of the most important factors is experience. And there's no substitute for it. At our Kulmbach site in Bavaria we have been designing, developing and optimising refrigeration circuits for more than 40 years. It's this level of skill and care that make System M so special.

Daniela Reuther, Head of Quality Management, Glen Dimplex Thermal Solutions

## **M** for Minimalist.

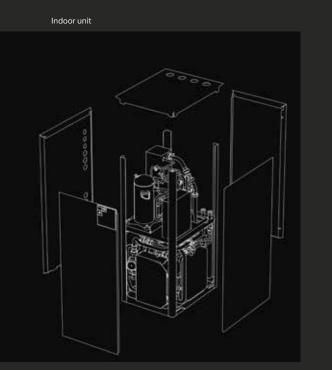
"At the beginning of the product design process for System M we tried to really hold back. Because a heating system isn't a design object that you want to put on display in your living room. Put it this way: System M doesn't force its way into the spotlight. But once you do notice it, it looks great. It's organic, with balanced proportions, and functional down to the last detail. Plus the quality is uncompromising."

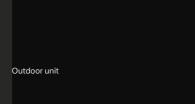
Thorsten Bald, Director Strategic Marketing, Glen Dimplex Thermal Solutions

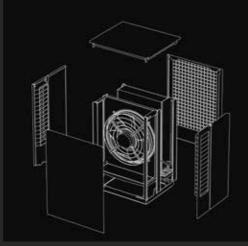
## M for Madeto-measure.

"The made-to-measure part of System M is the way it combines small size, design efficiency, low volume, intuitive controls, perfect comfort and so on. When you get that right, it becomes irrelevant for the owner whether the machine breaks records or not on individual stats. And that goes for us, too."

Dirk Eggers, Head of Sales, Domestic Heating and Ventilation, Glen Dimplex Thermal Solutions











made-to-measure... Sys these principles togeth benefit do you get from into your home? Over t describe the five major operations, sound, effic Each individual advanta it's when they come tog unique overall solution, grow accustomed to th the very first day, and y without it again.

For many heat pump n game of trumps: who h rating? Who has the lor the outdoor unit? But v not how we play. Starti modules, we put toget real advantages - to ho as to installation techn have to make small cor cases," explains Jens F Manager for System M Solutions. "Because yo physics."

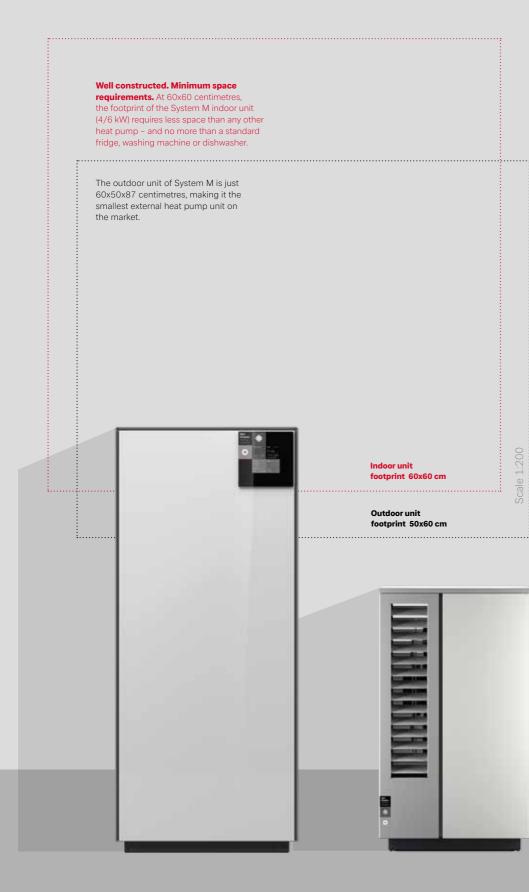
## itages. System.

e in Germany, m M brings all of But what concrete ringing System M following pages we vantages – in design, ncy and comfort. e is persuasive. But her that they create a extraordinary you'll neating system from 'll never want to do

ufacturers, it's like a the highest efficiency st decibel value for o System M, that's with the individual systems that offer eowners as much ins. "To do that you romises in individual imensee, Project Glen Dimplex Thermal can't outsmart For instance, if you want the quietest, most efficient air-to-heat pump in the world, you need room for it – in a large, heavy housing. "Who wants that in their garden?" asks Dirk Eggers, Head of Sales in the Domestic Heating and Ventilation division. "Who wants to look at it every day? And that's before you consider what the neighbours might say." For many people, a great big box with ventilation holes in it automatically looks too loud. Even when the heat pump isn't running.

System M, on the other hand, achieves the perfect balance: small size, pared-back, intelligent design, with the greatest possible efficiency and lowest noise levels. At the same time, System M lets you enjoy a few superlatives, or increase the level of comfort as desired. "We have put together precisely as many configuration packages as we needed in order to be able to meet every requirement," says Dirk Eggers. "At the same time we have made choosing the right configuration easier than ever before." Operating the system via the interface or app and its assembly by the installation technician are just as simple.

For each of these ingeniously combined total packages, the whole is more than the sum of its individual parts. It's the combination which makes all the difference.







What cladding would you like?





Cedar





Red lacquer







### #1 Radically attractive and functional.

You want a heating system that takes up as little space as possible in the cellar or, even more importantly, the utility room. A system that fits in perfectly, adapting itself to its environment. A system with quality you can see and feel.

That's exactly what we offer with System M. It requires a radically small space, indoors as well as out. System M can be placed in all manner of corners because the slim indoor unit can be set up with almost no wall clearance. It can stand next to the fridge, washing machine or dryer, for example. And thanks to its purity of form, clearly accentuated planes and outstanding finish, it needn't be a wallflower either. The System M outdoor unit, meanwhile, is more or less invisible against the façade thanks to the unrivalled range of colours and materials available.

### **Radically good design.**

What is good design? Is it really something "Good design is aesthetic." System M offers you can expressly concisely, clearly and precisely? When you're an international design icon, then yes. Dieter Rams - who overwhelming or bulky. During development, the came to fame with his designs for Braun, engineers wrested every centimetre they could later a major inspiration for Apple – has been save. All the components were installed inside working since the 1970s to encapsulate his the housing in a way that uses as little space thoughts on design in ten principles. Anyone aiming to set standards in product design down to the footprint of a kitchen appliance needs to know the principles. And they help 60x60 centimetres. Meanwhile the outdoor unit us to explain what is so remarkable about the has a split in its side plate and differentiating design of System M.

in System M is superfluous, each element should emphasise the matt, raw, robust feeling. Concentrated on the essential. Minimalist. "Good design is innovative." The outdoor

copper, brass - to forge a seamless link with the screen again. architecture. The camouflaged heat pump.

the last detail." System M offers a high- of the otherwise radically reduced interior unit quality finish, without which simplicity and to a central location - the display unit on the reduction can appear clumsy and banal. Our System M master unit. This interface enables System M – discussing, designing, engineering, intuitive enough to operate without instructions, The result? Perfect curves, a harmonious experts as well as newbies, using the device appearance, precisely balanced dimensions. itself or via the Smart Room Heating app (with Only in System M are the sheet-metal edges its award-winning design). The app means that precision machine. And that's what System M

systems and heat pumps, it doesn't seem as possible. And that meant we could get it all

"Good design means as little design as "Good design is honest." System M uses steel possible." System M isn't an exclamation mark plates as its basic material. Despite high-quality your interior. System M isn't loud in an optical that should be seen and felt. The surface of the

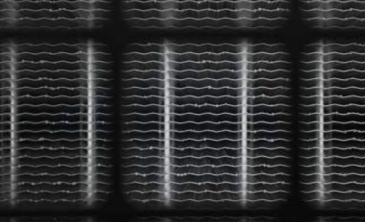
the air vents now positioned on the side rather "Good design is unobtrusive." System M fits than the front and additionally covered by naturally into its environment, both inside and slats. System M is adaptable to more individual out. So you barely notice it and never perceive design options than any other exterior model it as disruptive. The radically compact outdoor on the market. And the indoor System M is a

### "Good design makes a product understand-

"Good design is consistent, right down to able." System M directs the product experience









... for all those who live consciously and think to the future. Mobility: electric car, cargo bike. Daughter: 14 years old and full of life, with a thousand ideas for saving the world. Living: streamlined, compact, low-energy, because who needs superfluous luxury? Style: pared-back, thoughtful, casual. The most important shared space? The kitchen.

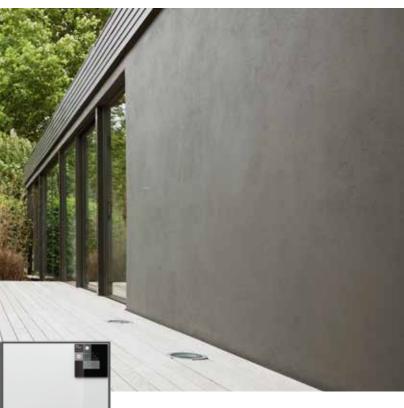
> The heating system: System M Pure.

Welcome to System M! Available in the right design variant for every home. For example...





Even a heat pump can have the wow factor. Pleased to meet you! System M is moving in.



... with anyone who places their greatest demands on themselves. And on day-today comfort. Mobility: sports car, maybe vintage. Profession: decision-making, making things happen. Interests: good art, excellent taste, the finer things. Living: generous in every way, with room for table tennis and floorboards throughout. Statement living.

The heating-cooling system: System M Comfort.

























You want a heating system that makes day-to- Via the touch display on the device or the day living a as simple and pleasant as possible. Smart Room Heating app on your phone, you

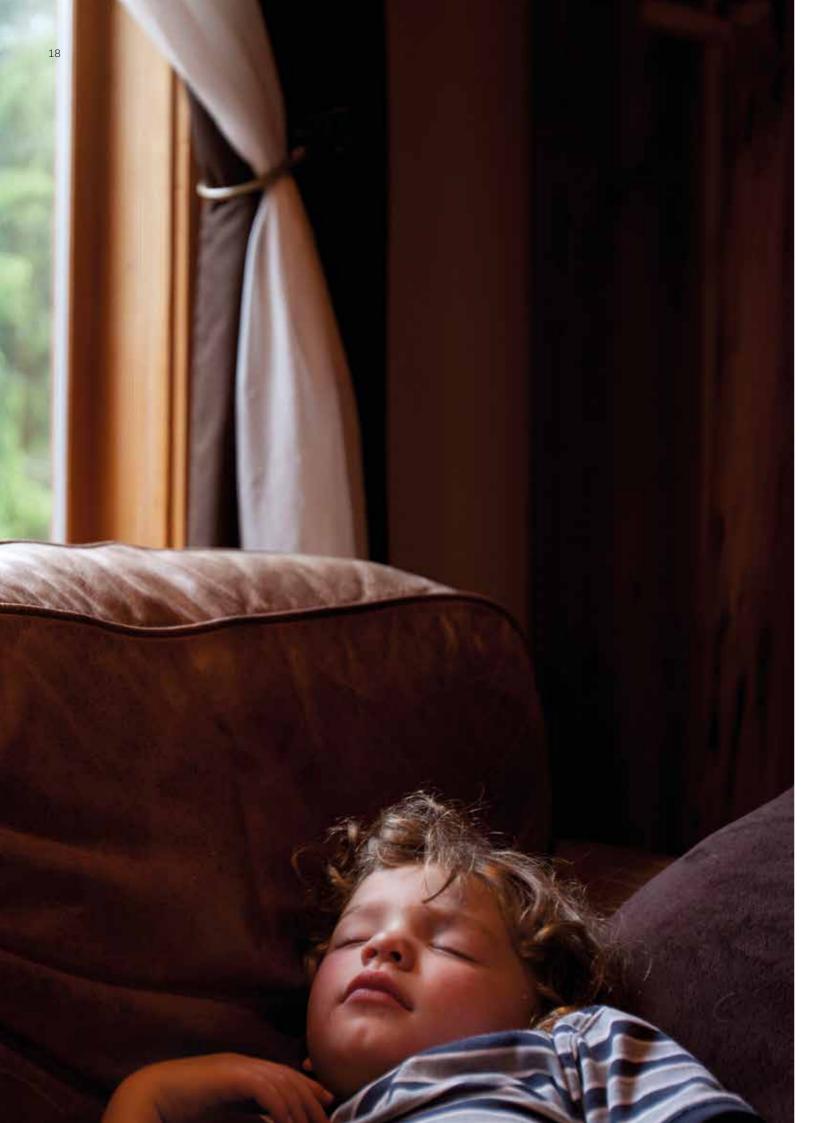
create its own hotspot, ideal for building sites you just use the app instead. running yet. Thanks to clever pre-configuration, One more thing: because System M comes

is radically simple to connect and radically the functions you need, when you need them. in other words, the installation. System M can without the touch display on the device itself -





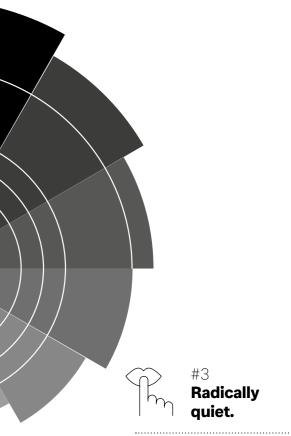




## Quiet as a whisper.

27 dB[A]

Jet aircraft - 120 dB(A) Propeller aircraft - 110 dB(A) Circular saw - 100 dB(A) Construction site with pneumatic drill - 90 dB(A) Road traffic saw - 80 dB(A) Lawnmower - 70 dB(A) Normal conversation - 60 dB(A) Soft radio music - 50 dB(A) Refrigerator - 40 dB(A) Whisper - 30 dB(A) System M - 27 dB(A) Soft wind - 20 dB(A) Snowfall - 10 dB(A)



You want a heating system that uses the free, endless supply of thermal energy in the air. A system that therefore has an external unit with a fan, but is nonetheless almost inaudible. A system that even reassures your neighbours – because it doesn't just sound quiet, it looks quiet, too.

This is exactly why we came up with System M. It's great for your nerves, whispering like a soft, soothing breeze. System M isn't just optimised for the sound lab but for use in the real world as well. All the sound escapes at the side and not towards the garden or the neighbours. You don't see any ventilation grilles or twirling propellers, which can be as alarming as noise. System M specifically filters out the low frequencies that disturb the human ear. And it uses the benefits of split technology, keeping the outside sound source (evaporator) and inside sound source (compressor) well away from each other.

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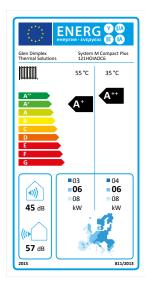
#4 Radically efficient.

You don't want a compromise between comfort and efficiency in your heating system. You want a system that operates as economically as possible, all by itself, from day one. A system that qualifies for current state subsidies and pays for itself in the long run. A system that meets the requirements of tomorrow, today.

That's precisely why we developed System M radically efficient, in three different ways. First, only heat pumps like System M achieve the A++ class energy label for individual heat generators, as opposed to oil or even gas heating. Second, System M has integrated so many functions and optional add-ons that it is the only composite system to achieve top scores on the energy label. And third, we have fitted System M with the smartest control technology available today. System M eliminates the rigid heating curve by constantly determining the lowest-possible flow temperatures for the desired conditions in up to ten different rooms. That means it makes no difference how much you crank up the heating, or how scalding your baths, System M automatically runs as economically as possible.



Integrated cooling function? Your choice.



Nothing heats as efficiently as the heat pump.

	electricity	natural gas	heating oil
A++	electric heat pump		
A+		gas pump	
А		condensing boiler	condensing boiler
В		low-temperature boiler	
С			
D			low-temperature boiler

Only the electric heat pump achieves the highest efficiency value... because it draws 75% of the energy it requires from the environment. And with green electricity, it can be run fully  $CO_2$  free.

This is what the efficiency label for a System M model looks like. Even when heating at mid-range temperatures, it easily reaches class A+. Note: the label shows the sound power (not sound pressure, as we do; see p. 19) – which is only relevant in the lab, not in the garden.



You want a heating system that really only has one setting: the individual comfort programme for you and your family. A system that offers you no less than that – but please, no more.

That's precisely how we made System M: radically comfortable. And radically made-to measure, in line with your needs. We asked ourselves some fundamental questions so you have an easier time of selecting, configuring, installing and using the device. This is how the System M variants came about (see overview the following pages). Simply choose how much hot water comfort you need on hand at any given time. Decide on the integrated cool function – with no drafts, no noise, no condensation and therefore no danger of mould. Or get the Plus variant with inverter technology – ideal for anyone who needs a bit more heating power now and then but doesn't need a whole overloaded system. For our customers:

## Service M. Radically complete.

You want a heating system that is always technically up-to-date. A system that is continuously optimised and which tells you before it needs any maintenance. A system that runs like clockwork - no stress, no hassle, no unnecessary effort.

That's exactly why we developed our System M service: System M is always fully installed, sure that the system is optimally tuned at the time of installation by our customer service team. System M then automatically reports any technical deviations on a daily basis via its own online connection. Ralf Behnke, Head of Services at GDTS: "System M comes with online monitoring as standard - it doesn't depend on any maintenance contract." We keep your System M up-to-date through automatic software updates. And after the first heating period, we'll gladly run a full online check on the system and optimise the energy settings



## 2

Long-life service package

Extended 10-year guarantee

On-site start-up, incl. activation of screed programme if required

Condition monitoring with annual report on data evaluation and tips for optimising energy efficiency

Software updates to keep System M automatically up-to-date

Software upgrades for new, additional functionalities

## **Installation M.** Radically easy.

As a specialist in heating systems, you want a system that makes it as easy as possible for you to meet your clients' needs - quickly and accurately. Both installation and maintenance should be simple, too. You want a system that functions as hassle-free as possible throughout its lifetime after all, the less stress for you, the happier your clients.

That's exactly why we developed System M: a system where we have done as much of the thinking, configuring and planning as possible in advance.





### **Basic service package**

5 years' guarantee

On-site start-up, incl. activation of screed programme if required

One-time online check of the system following the first heating period

Online monitoring, active info in the event of technical deviations

Software updates to keep System M automatically up-to-date

### **Radically easy to order and**

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assemble thanks to our well designed packages that are simple to select and expand as necessary. Thanks to our "just-in-time" delivery system that ensures delivery within four days. Thanks to preassembled modules: no more putting fiddly parts together, no more improvising on the job, no more ordering extra parts later on. Simply unpack, connect, and you're good to go...

Prefigured equipment available includes:

- Connecting module for additional heating circuit and/or mixed heating circuit
- Connecting module for bivalent operation (with oil/gas boiler)
- Connecting module for renewable operation (with solar thermal system/wood heating)

Naturally, the refrigerant pipe for connecting external and internal units is preassembled and available in two different lengths.

### **Radically easy to start up**

the first time thanks to the creation of an independent hotspot, even where there is no Internet connection. Thanks to our "easy-on" procedure, directly via the display screen or your smart device. Radically few settings have to be entered – it only takes a few minutes to answer all the questions.

### Radically easy to maintain

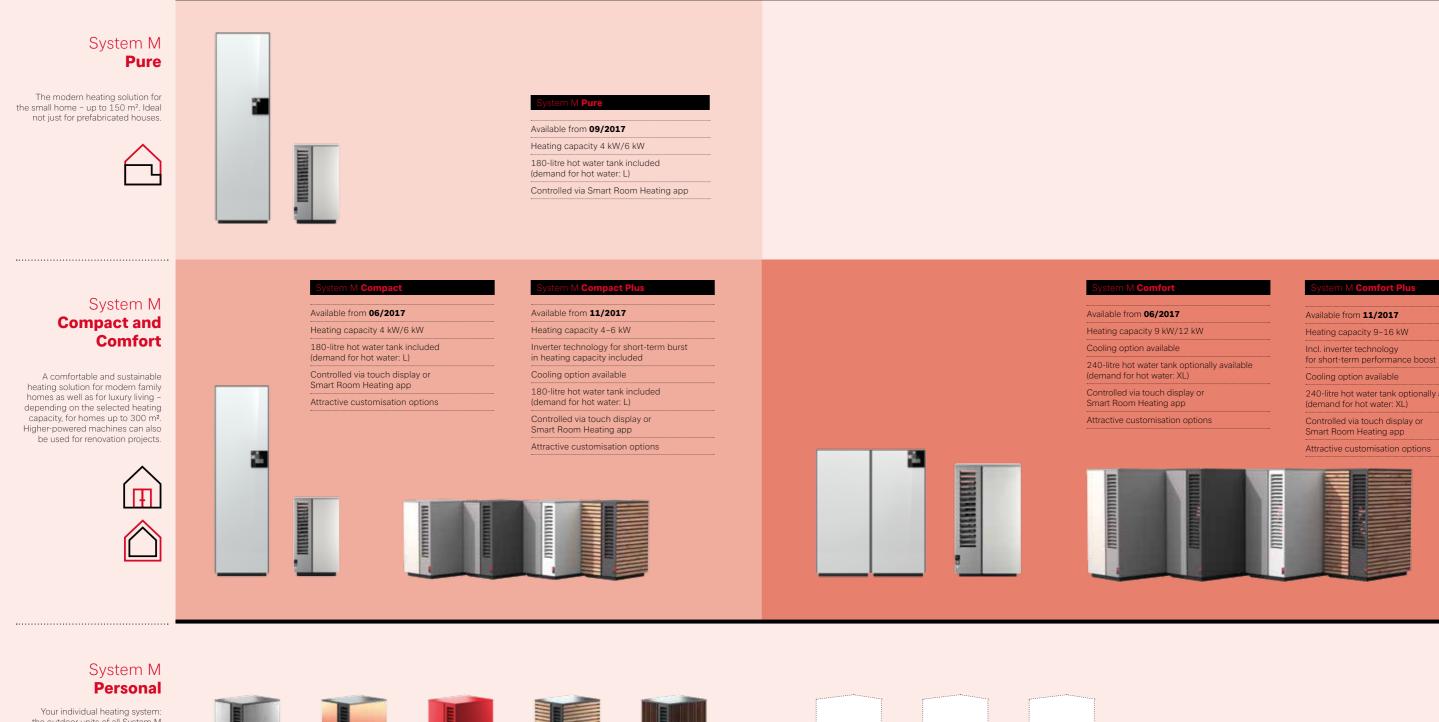
thanks to continuous online monitoring - early alerts when maintenance is required plus individual efficiency optimisation (also possible via remote access). Thanks to tailored service packages, including an extended guarantee option (see left).

System M.

At a glance.







the outdoor units of all System M Compact and Comfort systems can be customised in a multitude of ways. Just select the material and colour combination that best fits your garden or the outside of your home.



240-litre hot water tank optionally available

Attractive customisation options

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## System M Compact and Comfort

Technical data:

Heating capacity	4 kW	
Heating water flow	+60 °C +/-2 °C	
Operating limits air (heating operation)	-22 °C to +35 °C	
Heating water flow / free compression	~1.0 m³/h/~30000 Pa	
Dimensions indoor unit (W x H x D)	600 mm x 2,100 mm x 600 mm	
Indoor unit weight	~221 kg	
Dimensions, outdoor unit (W x H x D)	600 mm x 870 mm x 500 mm	
Outdoor unit weight	~59 kg	
Sound power level outside (normal operation/lowered)	57 dB(A)/53 dB(A)	
Sound power level inside	44 dB(A)	
Sound pressure level inside 1 m	33 dB(A)	
Connection voltage (supply voltage heat pump)	3/N/PE ~ 400 V (50 Hz)	
Fusing supply voltage heat pump	C 10 A	
Supply voltage pipe heater	1/N/PE ~ 230 V (50 Hz)	
Heat output A7/W 35/COP	4.8 kW/4.0	
Heat output A2/W 35/COP	3.9 kW/3.3	
Heat output A-7/W 35/COP	3.0 kW/2.8	
Heating capacity	6 kW	
Heating water flow	+60 °C +/-2 °C	
Operating limits air (heating operation)	-22 °C to +35 °C	
Heating water flow / free compression	1.0 m³/h/~30000 Pa	
Dimensions indoor unit (W x H x D)	600 mm x 2,100 mm x 600 mm	
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Indoor unit weight	221 kg	
	221 kg 600 mm x 870 mm x 500 mm	
Dimensions, outdoor unit (W x H x D)	-	
Dimensions, outdoor unit (W x H x D) Outdoor unit weight	600 mm x 870 mm x 500 mm	
Dimensions, outdoor unit (W x H x D) Outdoor unit weight Sound power level outside (normal operation/lowered)	600 mm x 870 mm x 500 mm 59 kg	
Dimensions, outdoor unit (W x H x D) Outdoor unit weight Sound power level outside (normal operation/lowered) Sound power level inside	600 mm x 870 mm x 500 mm 59 kg 57 dB(A) / 53 dB(A)	
Dimensions, outdoor unit (W x H x D) Outdoor unit weight Sound power level outside (normal operation/lowered) Sound power level inside Sound pressure level inside 1 m	600 mm x 870 mm x 500 mm 59 kg 57 dB(A) / 53 dB(A) 44 dB(A)	
Dimensions, outdoor unit (W x H x D) Outdoor unit weight Sound power level outside (normal operation/lowered) Sound power level inside Sound pressure level inside 1 m Connection voltage (supply voltage heat pump)	600 mm x 870 mm x 500 mm 59 kg 57 dB(A) / 53 dB(A) 44 dB(A) 33 dB(A)	
Dimensions, outdoor unit (W x H x D) Outdoor unit weight Sound power level outside (normal operation/lowered) Sound power level inside Sound pressure level inside 1 m Connection voltage (supply voltage heat pump) Fusing supply voltage heat pump	600 mm x 870 mm x 500 mm 59 kg 57 dB(A) / 53 dB(A) 44 dB(A) 33 dB(A) 3/N / PE ~ 400 V (50 Hz)	
Dimensions, outdoor unit (W x H x D) Outdoor unit weight Sound power level outside (normal operation/lowered) Sound power level inside Sound pressure level inside 1 m Connection voltage (supply voltage heat pump) Fusing supply voltage heat pump Supply voltage pipe heater	600 mm x 870 mm x 500 mm 59 kg 57 dB(A) / 53 dB(A) 44 dB(A) 33 dB(A) 3/N / PE ~ 400 V (50 Hz) C 10 A	
Indoor unit weight Dimensions, outdoor unit (W x H x D) Outdoor unit weight Sound power level outside (normal operation/lowered) Sound power level inside Sound pressure level inside 1 m Connection voltage (supply voltage heat pump) Fusing supply voltage heat pump Supply voltage pipe heater Heat output A7/W 35/COP Heat output A2/W 35/COP	600 mm x 870 mm x 500 mm 59 kg 57 dB(A) / 53 dB(A) 44 dB(A) 33 dB(A) 3/N / PE ~ 400 V (50 Hz) C 10 A 1/N / PE ~ 230 V (50 Hz)	

Heating capacity	9 kW
Heating water flow	+ 60 °C +/- 2 °C
Operating limits air (heating operation)	- 22 °C to + 35 °C
Heating water flow / free compression	-1.9 m³/h/-18000 Pa
Dimensions indoor unit (W x H x D)	600 mm x 1,400 mm x 750 mm
Indoor unit weight	~160 kg
Dimensions, outdoor unit (W x H x D)	850 mm x 1,230 mm x 600 mm
Outdoor unit weight	~75 kg
Sound power level outside (normal operation/lowered)	55 dB(A)/54 dB(A)
Sound power level inside	45 dB(A)
Sound pressure level inside 1 m	34 dB(A)
Connection voltage (supply voltage heat pump)	3/N/PE ~ 400 V (50 Hz)
Fusing supply voltage heat pump	C 13 A
Supply voltage pipe heater	1/N/PE ~ 230 V (50 Hz)
Heat output A7/W 35/COP	8.0 kW/4.4
Heat output A2/W 35/COP	6.7 kW/3.9
-	
Heat output A-7/W 35/COP	5.2 kW/3.0
• • • •	5.2 kW/3.0
• · · ·	5.2 kW/3.0 12 kW
Heat output A-7/W 35/COP Heating capacity	
Heat output A-7/W 35/COP	12 kW
Heat output A-7/W 35/COP Heating capacity Heating water flow Operating limits air (heating operation)	<b>12 kW</b> + 60 °C +/- 2 °C
Heat output A-7/W 35/COP Heating capacity Heating water flow Operating limits air (heating operation) Heating water flow/free compression	<b>12 kW</b> +60 °C +/-2 °C -22 °C to +35 °C
Heat output A-7/W 35/COP Heating capacity Heating water flow Operating limits air (heating operation) Heating water flow/free compression Dimensions indoor unit (W x H x D)	12 kW           +60 °C +/-2 °C           -22 °C to +35 °C           1.9 m³/h/~18000 Pa
Heat output A-7/W 35/COP Heating capacity Heating water flow Operating limits air (heating operation) Heating water flow/free compression Dimensions indoor unit (W x H x D) Indoor unit weight	12 kW           +60 °C +/-2 °C           -22 °C to +35 °C           1.9 m³/h/~18000 Pa           600 mm x 1,400 mm x 750 mm
Heat output A-7/W 35/COP Heating capacity Heating water flow Operating limits air (heating operation) Heating water flow / free compression Dimensions indoor unit (W x H x D) Indoor unit weight Dimensions, outdoor unit (W x H x D)	12 kW         + 60 °C +/- 2 °C         - 22 °C to + 35 °C         1.9 m³/h/~18000 Pa         600 mm x 1,400 mm x 750 mm         ~160 kg
Heat output A-7/W 35/COP Heating capacity Heating water flow Operating limits air (heating operation) Heating water flow/free compression Dimensions indoor unit (W x H x D) Indoor unit weight Dimensions, outdoor unit (W x H x D) Outdoor unit weight	12 kW         +60 °C +/-2 °C         -22 °C to +35 °C         1.9 m³/h/~18000 Pa         600 mm x 1,400 mm x 750 mm         ~160 kg         850 mm x 1,230 mm x 600 mm
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Heat output A-7/W 35/COP Heating capacity Heating water flow Operating limits air (heating operation) Heating water flow/free compression Dimensions indoor unit (W x H x D) Indoor unit weight Dimensions, outdoor unit (W x H x D) Outdoor unit weight Sound power level outside (normal operation/lowered) Sound power level inside Sound pressure level inside 1 m	12 kW         + 60 °C +/- 2 °C         - 22 °C to + 35 °C         1.9 m³/h/~18000 Pa         600 mm x 1,400 mm x 750 mm         ~160 kg         850 mm x 1,230 mm x 600 mm         ~75 kg         55 dB(A) / 54 dB(A)         45 dB(A)
Heat output A-7/W 35/COP Heating capacity Heating water flow Operating limits air (heating operation) Heating water flow/free compression Dimensions indoor unit (W x H x D) Indoor unit weight Dimensions, outdoor unit (W x H x D) Outdoor unit weight Sound power level outside (normal operation/lowered) Sound power level inside Sound pressure level inside 1 m Connection voltage (supply voltage heat pump)	12 kW $+60 \degree C +/- 2 \degree C$ $-22 \degree C \text{ to } +35 \degree C$ $1.9 \text{ m}^3/\text{h}/~18000 \text{ Pa}$ $600 \text{ mm x } 1,400 \text{ mm x } 750 \text{ mm}$ $\sim 160 \text{ kg}$ $850 \text{ mm x } 1,230 \text{ mm x } 600 \text{ mm}$ $\sim 75 \text{ kg}$ $55 \text{ dB(A)}/54 \text{ dB(A)}$ $45 \text{ dB(A)}$ $34 \text{ dB(A)}$
Heat output A-7/W 35/COP Heating capacity Heating water flow Operating limits air (heating operation) Heating water flow/free compression Dimensions indoor unit (W x H x D) Indoor unit weight Dimensions, outdoor unit (W x H x D) Outdoor unit weight Sound power level outside (normal operation/lowered) Sound power level inside Sound pressure level inside 1 m Connection voltage (supply voltage heat pump) Fusing supply voltage heat pump	12 kW           + 60 °C +/- 2 °C           - 22 °C to + 35 °C           1.9 m³/h/~18000 Pa           600 mm x 1,400 mm x 750 mm           ~160 kg           850 mm x 1,230 mm x 600 mm           ~75 kg           55 dB(A)/54 dB(A)           45 dB(A)           34 dB(A)           3/N/PE ~ 400 V (50 Hz)
Heat output A-7/W 35/COP Heating capacity Heating water flow Operating limits air (heating operation) Heating water flow / free compression Dimensions indoor unit (W x H x D) Indoor unit weight Dimensions, outdoor unit (W x H x D) Outdoor unit weight Sound power level outside (normal operation/lowered) Sound power level inside Sound pressure level inside 1 m Connection voltage (supply voltage heat pump) Fusing supply voltage heat pump Supply voltage pipe heater	12 kW           +60 °C +/-2 °C           -22 °C to +35 °C           1.9 m³/h/~18000 Pa           600 mm x 1,400 mm x 750 mm           ~160 kg           850 mm x 1,230 mm x 600 mm           ~75 kg           55 dB(A)/54 dB(A)           45 dB(A)           34 dB(A)           3/N/PE ~ 400 V (50 Hz)           C 13 A
Heat output A-7/W 35/COP Heating capacity Heating water flow	12 kW         + 60 °C +/- 2 °C         -22 °C to + 35 °C         1.9 m³/h/~ 18000 Pa         600 mm x 1,400 mm x 750 mm         ~160 kg         850 mm x 1,230 mm x 600 mm         ~75 kg         55 dB(A)/54 dB(A)         45 dB(A)         34 dB(A)         3/N/PE ~ 400 V (50 Hz)         C 13 A         1/N/PE ~ 230 V (50 Hz)

The values provided are preliminary data, which may still change before the start of series production! Data for System M Compact Plus and System M Comfort Plus only available with the market launch in Autumn 2017.

°C to +35 °C
) m³/h/-18000 Pa
mm x 1,400 mm x 750 mm
0 kg
mm x 1,230 mm x 600 mm
kg
IB(A) / 54 dB(A)
IB(A)
IB(A)
I/PE ~ 400 V (50 Hz)
3 A
I / PE ~ 230 V (50 Hz)
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<w 3.0<="" td=""></w>
W
°C +/-2 °C
°C to +35 °C
m³/h/~18000 Pa
mm x 1,400 mm x 750 mm
0 kg
mm x 1,230 mm x 600 mm
i kg
IB(A) / 54 dB(A)
iB(A)
IB(A)
/PE ~ 400 V (50 Hz)
3 A
I / PE ~ 230 V (50 Hz)
0 kW/4.6
<w 3.8<="" td=""></w>
<w 3.0<="" td=""></w>



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