



A Benefit Guide for **LG THERMA V™**





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Discover the Highlights of LG THERMA V

1 Streamline Your Work with Easy Installation

Superb installation efficiency with integrated solutions allows for better time management on hectic days.



2 Revolutionary Compressor Design for Unmatched Reliability

Engineered for the ultimate in comfort and efficiency.



3 Leading in Heat Pump Technology

Expertise in heat pump and its core components.



4 Uncompromised Product Reliability Tailored for Local Climate

Securing next-generation heat pumps specifically designed for cold climate zones.



5 Tools to Help You Work Smarter

Empowering engineering tools for care-free installation and service.



6 Save Your Time with Easy-to-use Controller

Installer-friendly controllers and commissioning functions.



7 Hands on Training for Your Skills

Commitment to empowering installer capabilities.



8 Grow Together with LG All Stars

New partner program with enticing rewards to encourage installers and engineers.



9 Delivering Leads Straight to Your Inbox

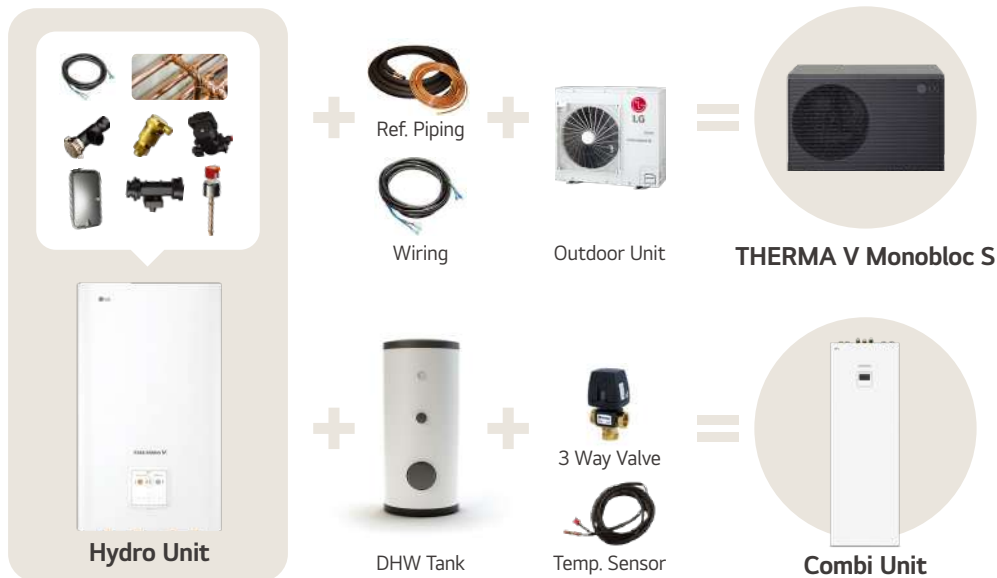
Connecting installers with customers seamlessly.



1. Streamline Your Work with Easy Installation

Superb installation efficiency with integrated solutions allows for better time management on hectic days.

THERMA V is equipped with a majority of hydronic components, which not only simplify installation but also allow for efficient use of space.



As of April, 2024

Product Type ¹⁾	A Company ²⁾	B Company ³⁾	C Company ⁴⁾	LG
Monobloc S (Full Monobloc)	X	X	X	O
Monobloc with Combi Unit	O	O	O	O

Key Benefits

Save Your Time and Experience with the Ease of Installation

Easy does it. Because the hydronic component is integrated into the unit, faster and easier installation is possible. Flexible installation options are also available to meet any application.



1) Product type names are based on LG's internal standards and may differ from competitors' naming rules. Competitors' models were classified based on the level of integration of hydronic components that was equivalent to ours.
 2) A Company: Vaillant
 3) B Company: Viessmann
 4) C Company: Nibe

2. Revolutionary Compressor Design for Unmatched Reliability

Engineered for the ultimate in comfort and efficiency.

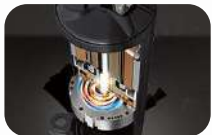
LG's new, groundbreaking design where the motor is positioned at the top of the unit and the scroll is located in the center, leverages the best technologies from conventional scroll compressors for optimized heating and cooling.

Innovative Technologies



Shaft-through Structure

It features a shaft that runs directly through the compressor, controlling the orbit with less impact and unleveling.



Groundbreaking Design

Combination of technologies found in conventional compressors, It provide efficiency improvements.



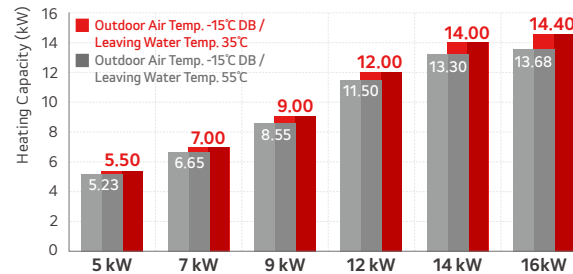
Simplified Structure

Compression section is located lower, these simplified non-cantilevered design leads to significant sound reduction.

Heating Performance in Cold Climate

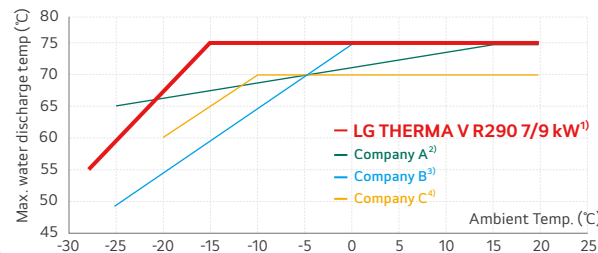
Stable Heating Performance

(Max. Capacity of R32 Monobloc S)



Stable Heating Performance

(Comparison of Maximum Outlet Water Temperature by Ambient Temperature)



1) The unit is currently being developed and is scheduled for launch in September 2024.
2) Nibe S-2125 (R290)

3) Vaillant atherm plus (R290)
4) Viessmann Vitocal 250-A & 252-A (R290)

Key Benefits

Keeping Your Customers Comfortably Warm Inside

Provide your customers with dependable heating available 24/7. This reliable heating system, powered by innovative compressor technology, ensures year-round comfort for your clients.



※ This image is intended to help you understand, and there may be some differences in actual use.

3. Leading in Heat Pump Technology

Expertise in heat pump and its core components.

LG has a rich history in heat pump technology since 1968, spanning both air-to-air and air-to-water systems. As a leader in the field, LG not only offers a variety of heat pump solutions but also develops key components like compressors, enhancing performance and efficiency. With its comprehensive expertise, LG continues to expand its market presence.

1958

Founded as Goldstar Electronics

1965

Korea's first refrigerator

1968

Korea's first air conditioner

1995

Rebranded as LG Electronics

1998

Korea's first system air conditioner

2001

The world's first Linear Compressor

2008

LG THERMA V brand launch

2018

The world's first R32 Monobloc



2019

THERMA V R32 Split launch



2020

THERMA V R32 Hydrosplit launch



2023



THERMA V R290 Monobloc launch

Key Benefits

A Trustful Heat Pump Brand for Heat Transition

With a long history in heat pump development, we possess both core component and product technologies, ensuring top-quality and reliable solutions. LG THERMA V, equipped with a cutting edge injection cycle or defrost logic, provides stable heating performance so customers can stay comfortably without any concern even severe cold weather.

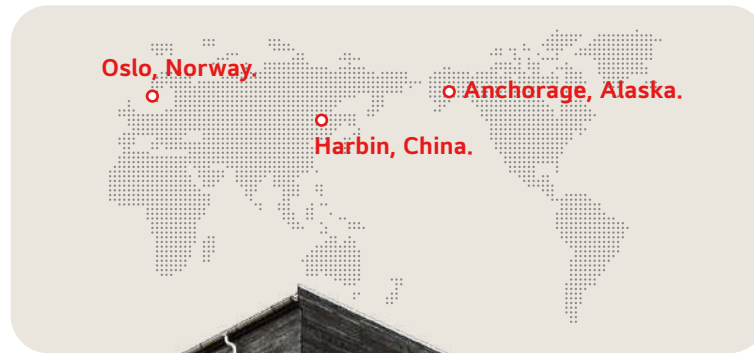


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4. Uncompromised Product Reliability Tailored for Local Climate

Securing next-generation heat pumps specifically designed for cold climate zones.

LG strives to develop heat pump technology tailored to the diverse climate conditions of each region through the establishment of the European Consortium for Advanced Heat Pump Research (ECAHR), and collaboration with leading European universities.



Key Benefits

Count on LG's Comprehensive Research and Development Challenge

Experience powerful and reliable performance with LG heat pumps, designed to excel even in the harshest cold climates. Get ahead with technology tailored to any climate zones.



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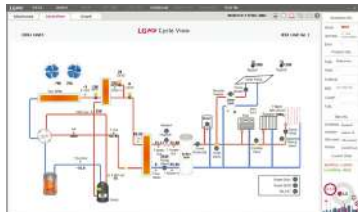
5. Tools to Help You Work Smarter

Empowering engineering tools for care-free installation and service.

LG offers a range of pre-sales and engineering tools customed to your needs. Use LATS THERMA V for product selection and investment cost simulation. The BECON cloud service facilitates remote diagnosis and installation settings, while LGMV is perfect for on-site troubleshooting.



LATS THERMA V



LGMV



Smart device (BECON cloud app.) PC (BECON cloud web)

BECON cloud service

※ The availability of LG BECON cloud service varies depending on the country.

Key Benefits

Fast and Accurate Installation and Service

Precise product selection with all necessary technical data is at your disposal. Additionally, monitoring product status and fast issue diagnosis are also available.



6. Save Your Time with Easy-to-use Controller

Installer-friendly controllers and commissioning functions.

The THERMA V's Standard III controller features convenient functions like pump and valve tests, and sensor monitoring for installers. It also supports multiple European languages¹⁾, simplifying configuration settings.



Key Benefits

Effortless Heat Pump Setup and Commissioning

Save time during heat pump setup and commissioning with our simple controller, designed for convenience.



1) Supports 18 multilingual languages

7. Hands on Training for Your Skills

Commitment to empowering installer capabilities.

LG offers comprehensive training at over 20 official academies throughout Europe, encompassing products, applications, and installation techniques. Recognizing the demanding schedules of installers, a web-based training platform is provided for your convenience.

Empowering YOUR BUSINESS

LG Air Solution Academy



Key Benefits

Access Training Anytime, Anywhere

Learn from our top heat pump experts and expand your business with heat pump solutions. Visit our website for both online and offline training options. (<https://air-solution-europe.getlearnworlds.com/>)



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8. Grow Together with LG All Stars

New partner program with enticing rewards to encourage installers and engineers.



LG All Stars is our exciting new partner program that rewards engineers for doing what they do best. Within LG All Stars program, partners can enjoy access to exclusive benefits, trainings and a network of like-minded professionals. It is one-stop application and it is available for HVAC installers at all levels.

How to Join the LG All Stars

Step 1

Scan the QR code below to register your information first for sign up.



[Link to sign up](#)

Step 2

Search and install for the LG All Stars application from the Google Play or Apple App Store on a smart phone.



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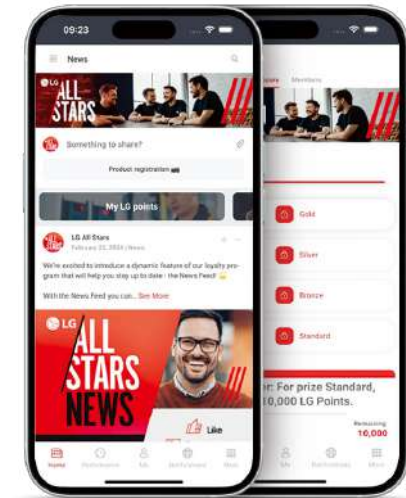


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Key Benefits

Rewards Inside LG ALL Stars

- Point collection to redeem in catalog of rewards
- Additional discounts on showroom and premises equipment
- Priority technical support
- Invitation to LG All Stars local and European events
- Priority website listing for your business on LG.com



※ The operation method and rewards of the LG All Stars program vary depending on the country.

