

# Features & Benefits

EHS Mono HT Quiet

## Comfort without compromise



### 70°C hot water for all your needs

#### Leaving Water Temperature of up to 70°C\*

Enjoy hot water of up to 70°C\*. With its strengthened parts and an extended Oil Groove, the new Scroll Compressor can compress refrigerant at much higher pressure, while Flash Injection Technology increases the flow of refrigerant. So the compression ratio has increased from 13 to 17\*\*..



\* Leaving water temperature, when the outdoor temperature is between -15°C ~ 43°C. Results may vary depending on the actual usage conditions.

\*\* Compression ratio = Discharge pressure / Suction pressure. Based on internal testing on an EHS Mono HT Quiet outdoor unit, compared to a conventional EHS outdoor unit.

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### Consistently hot, even at -25°C\*

#### 100% Heating Performance at -25°C\*

Get all of the hot water you need all year round. It delivers a 100% heating performance in temperatures as low as -25°C\*. An enlarged heat exchanger transfers more heat at once. A new Scroll Compressor compresses refrigerant at higher pressure, so it works reliably in the coldest conditions.



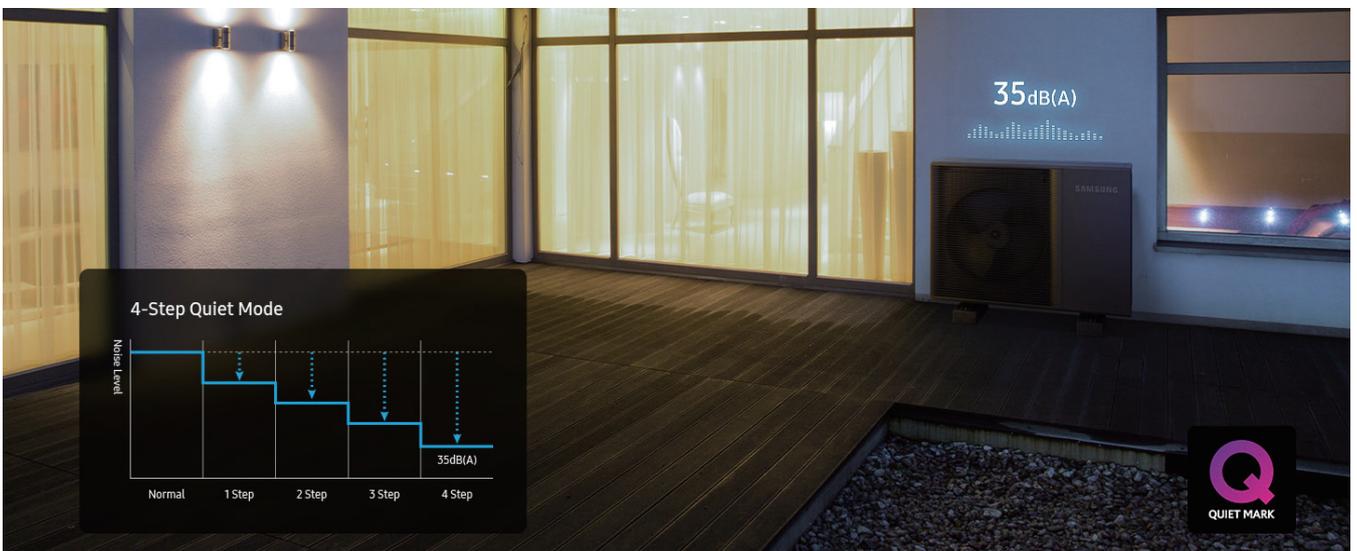
\* Based on a leaving water temperature of 55°C. Not available on the 14kW singlephase models.

\*\* Based on Samsung's measurements on an EHS HTLN (AE120BXYDGG/EU) model compared to a conventional outdoor unit (AE120RXYDGG/EU) with the same capacity.

### 35dB(A) quiet operation

#### Low Sound Level

Works quietly using various advanced technologies for noise reduction. A 4-Step Quiet Mode lets you reduce the sound level in steps or keep it as low as 35dB(A)\*. Its Multi-serration Fan is also significantly quieter. And various sound reduction technologies absorb noise and vibration.



\* Based on internal testing of the EHS Mono HT Quiet outdoor units. The noise level is measured 3m away from the front of the outdoor unit, in an anechoic room with an outside temperature of 7°C. Results may vary depending on environmental factors and individual use.

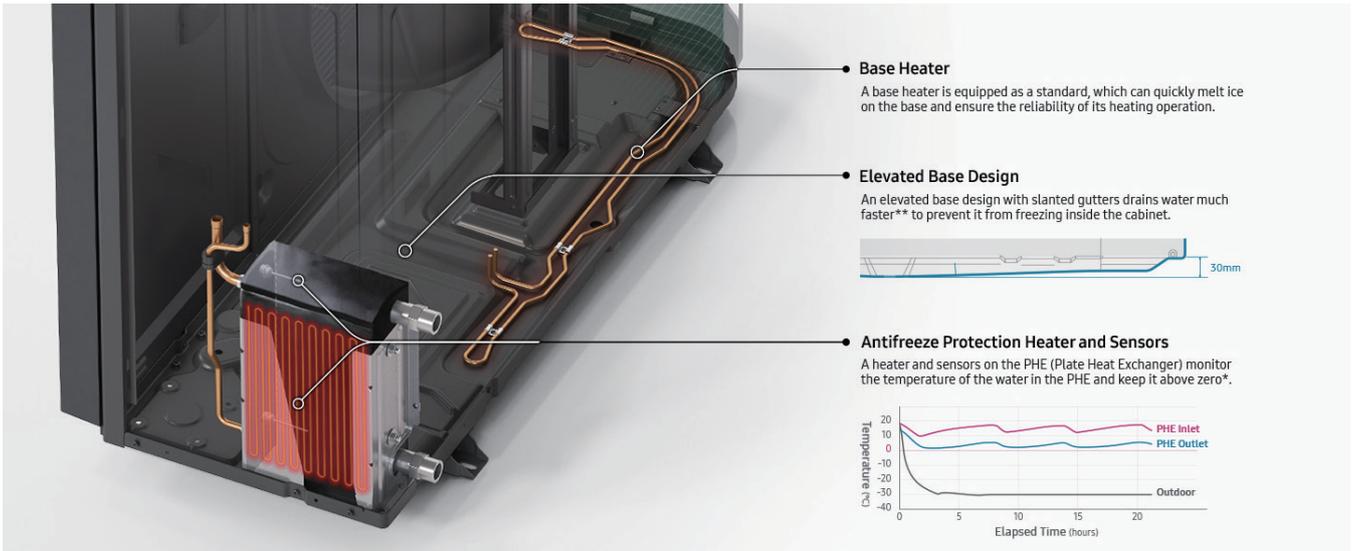
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### Prevents freezing to work reliably

#### Reliable Performance in Low Temperatures

Enjoy a reliable performance even at  $-30^{\circ}\text{C}^*$ . The elevated base drains condensed water much faster\*\* and a base heater melts ice. When the unit turns off or malfunctions, the Antifreeze Protection Heater and Antifreeze Protection Control prevent the PHE and water pipe from freezing and bursting\*\*\*.



\* Based on internal testing of an EHS Mono HT Quiet AE140BXDYDGG model. Measured for 20 hours when it is not operating and the outdoor temperature is  $-30^{\circ}\text{C}$ .

\*\* Based on internal testing of an EHS Mono HT Quiet outdoor unit compared to a conventional EHS outdoor unit.

\*\*\* For example, if it has stopped operating for 60 minutes when the outdoor temperature is  $3^{\circ}\text{C}$ , the pump on the water pipe side is forcibly operated to prevent the water from freezing in the water pipe.

### Control anywhere

#### Smart Connectivity

Control your heating on the go. Smart Connectivity lets you monitor the temperature of indoor rooms and the leaving water, turn it on/off and adjust the settings anytime and anywhere using the SmartThings App\*. You can also view your energy usage. Or you can simply tell Bixby what you want\*\*.



\* Available on Android and iOS devices. A Wi-Fi connection, Samsung account and an optional Wi-Fi Kit (MIM-H04N) are required.

\*\* Bixby is Samsung's brand of artificial intelligence (AI) / Internet of Things (IoT) voice assistant. A Wi-Fi connection and a Samsung account are required. Bixby only recognizes certain accents and dialects of English (UK), English (US), French (France), German (Germany), Italian (Italy), Korean (South Korea), Mandarin Chinese (China), Spanish (Spain) and Portuguese (Brazil). Other languages to be supported.

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