

Heating, Ventilation, And Air Conditioning (HVAC) Duct Silencers Market to Reach USD \$1.11 Billion by 2029 at 6.5% CAGR

*The Business Research Company's
Heating, Ventilation, And Air Conditioning
(HVAC) Duct Silencers Global Market
Report 2025 – Market Size, Forecast
2025-2034*

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KINGDOM, December 1, 2025

/EINPresswire.com/ -- What Is The

Estimated Industry Size Of [Heating, Ventilation, And Air Conditioning \(HVAC\) Duct Silencers Market?](#)

In recent years, the market size of HVAC (heating, ventilation, and air conditioning) duct silencers has witnessed substantial growth. The market, which is valued at \$0.81 billion in 2024, is



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anticipated to swell to \$0.87 billion in 2025, with a compound annual growth rate (CAGR) of 6.8%. This growth during the historic period can be ascribed to factors such as heightened awareness about noise pollution, an increase in the severity of noise and acoustic regulations, heightened demand for retrofit in existing buildings, and a surge in the adoption of energy-efficient HVAC systems.

The market size of duct silencers in the heating, ventilation, and air conditioning (HVAC) sector is poised to witness robust growth in the near future. It is estimated to expand to a sizable \$1.11 billion by 2029, with a projected

compound annual growth rate (CAGR) of 6.5%. The growing emphasis on healthier and more comfortable indoor climates, technological advancements in design and materials, increased adoption in growing economies, and urbanization trends are factors contributing to the growth in the forecast period. Key trends in this period include the adoption of smart technologies, modular designs to aid flexible installations, technological leaps, the rise of eco-friendly materials, the invention of active-passive hybrid silencers, and a move towards sustainability.

Download a free sample of the heating, ventilation, and air conditioning (hvac) duct silencers market report:

<https://www.thebusinessresearchcompany.com/sample.aspx?id=29787&type=smp>

What Are The Major Factors Driving The Heating, Ventilation, And Air Conditioning (HVAC) Duct Silencers Global Market Growth?

The market size of duct silencers in the heating, ventilation, and air conditioning (HVAC) sector is poised to witness robust growth in the near future. It is estimated to expand to a sizable \$1.11 billion by 2029, with a projected compound annual growth rate (CAGR) of 6.5%. The growing emphasis on healthier and more comfortable indoor climates, technological advancements in design and materials, increased adoption in growing economies, and urbanization trends are factors contributing to the growth in the forecast period. Key trends in this period include the adoption of smart technologies, modular designs to aid flexible installations, technological leaps, the rise of eco-friendly materials, the invention of active-passive hybrid silencers, and a move towards sustainability.

Who Are The Leading Companies In The Heating, Ventilation, And Air Conditioning (HVAC) Duct Silencers Market?

Major players in the Heating, Ventilation, And Air Conditioning (HVAC) Duct Silencers Global Market Report 2025 include:

- Carrier Global Corp.
- Taikisha Ltd.
- Greenheck Fan Corp.
- Lindab Group AB
- Systemair AB
- FläktGroup
- Swegon Group AB
- TROX GmbH
- Ruskin Company
- Volution Group Plc

What Are The Future Trends Of The Heating, Ventilation, And Air Conditioning (HVAC) Duct Silencers Market?

Key players in the Heating, Ventilation, and Air Conditioning (HVAC) duct silencers market are prioritizing the development of active noise control technology to gain a competitive edge. This technology employs microphones and speakers to recognize and create sound waves which directly counteract noise from ducts, thereby effectively eliminating undesired noises. This is especially useful for low-frequency noises that aren't easily minimized by passive silencers. For example, in January 2024, Austrian acoustics firm Redu-Sone launched its MPP-based active duct silencers. These come equipped with digital signal processing for adaptive noise reduction, a compact construct for efficient use of space, and can be integrated with building management systems for real-time acoustic monitoring. This technology enhances the comfort of occupants and energy efficiency whilst complying with noise regulations. The use of active noise control

signals a significant development in the HVAC duct silencers market, offering superior noise reduction and intelligent operational control.

What Are The Primary Segments Covered In The Global Heating, Ventilation, And Air Conditioning (HVAC) Duct Silencers Market Report?

The heating, ventilation, and air conditioning (hvac) duct silencers market covered in this report is segmented –

- 1) By Product Type: Inline Duct Silencers, Rectangular Duct Silencers, Circular Duct Silencers, Acoustic Panels
- 2) By Material: Fiberglass, Metal, Polyvinyl Chloride (PVC), Mineral Wool, Polyurethane
- 3) By Installation Type: Pre-Fabricated Systems, Custom-Designed Systems, Retrofit Solutions, New Construction Installations
- 4) By Application: Commercial, Industrial, Residential, Institutional, Transportation
- 5) By End-User Industry: Construction, Manufacturing, Aerospace, Automotive, Hospitality

SubSegments:

- 1) By Inline Duct Silencers: Standard Inline Silencers, High-Performance Inline Silencers, Variable Air Volume Inline Silencers, Custom Inline Silencers
- 2) By Rectangular Duct Silencers: Splitter Type Silencers, Baffle Type Silencers, Packless Type Silencers, Dissipative Type Silencers
- 3) By Circular Duct Silencers: Straight Circular Silencers, Elbow Circular Silencers, Concentric Circular Silencers, Perforated Tube Circular Silencers
- 4) By Acoustic Panels: Perforated Metal Acoustic Panels, Fabric Wrapped Acoustic Panels, Wooden Acoustic Panels, Composite Acoustic Panels

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<https://www.thebusinessresearchcompany.com/report/heating-ventilation-and-air-conditioning-hvac-duct-silencers-global-market-report>

Which Region Is Forecasted To Grow The Fastest In The Heating, Ventilation, And Air Conditioning (HVAC) Duct Silencers Industry?

In the 2025 Global Market Report on Heating, Ventilation, and Air Conditioning (HVAC) Duct Silencers, North America emerged as the leading region in 2024. However, Asia-Pacific is projected to experience the most rapid growth in the upcoming period. The other regions analyzed in the report include Western Europe, Eastern Europe, South America, the Middle East, and Africa.

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