

Item	piece	object	price each EURO	total price EURO
		<p>AEROMAT VT A – concealed installation in reveal (with vent duct) Decentralised sound absorbing exhaust air unit</p> <p>AEROMAT VT A is an unidirectional exhaust air unit. AEROMAT VT A is subdivided into two basic types (special solutions on request):</p> <ul style="list-style-type: none"> - AEROMAT VT A1 = 1 exhaust air fan - AEROMAT VT A2 = 2 exhaust air fan <p>Ventilator height 100 mm Ventilator depth ≥ 300 mm to 500 mm Ventilator length A1: ≥ 750 mm to 6000 mm Ventilator length A2: ≥ 1500 mm to 6000 mm Can be adapted to suit the building due to variable overall depth and length. Enables continual, controlled ventilation of a living room.</p> <p>Casing made aluminium profiles with thermal separation due to casing cover and casing floor. Aluminium Inside and outside profiles available in RAL 9016 or optionally in any RAL colour or in the DB colours DB 701, DB 702, DB 703. Side panels in white or black according to the colour of the aluminium profiles. Maximum permissible area load up to 1000 kg/m The ventilator/fan/blower can easily be cleaned completely or inspected from the inside by removing the inside panel. All components are completely revisable. Internal insulation materials made of special foam with high sound absorption and fire protection class B1 in accordance with DIN 4102-1.</p> <p>Intended for concealed installation in the reveal The length of ducts can be shortened individually or alternatively lengthened using extension pieces in 100 mm increments up to a maximum length of 570 mm.</p> <p>Material: PVC EPP Surface: black Consisting of high-quality, expandable Polypropylene, it has a high resistance to chemicals and oils. Has a long service life (no corrosion) and is light-weight. The manufacturing and fabrication of the foam particles is environmentally friendly and CFC-free. High energy absorption and lightweight Free from propellant gases and other chemical propellants</p> <p>Vent duct Consisting of: vent duct + cover + bag of screws Compensation pieces for easy mounting in areas where a vent piece cannot be accommodated Dimensions of duct: 500 x 170 x 41mm</p> <p>PVC outer panel Consisting of: PVC outer panel, colour white (similar to RAL 9016) or black (similar to RAL 9005), drainage channel, insect grille, fixing set – variable depth</p> <p>Optional: aluminium outer panel (to cover the PVC outer panel) Consisting of: aluminium outside panel in aluminium finish or RAL according to choice or DB colours (701, 702, 703), fixing set</p> <p>Classification of the watertightness: class 5A when opened, class 9A when closed.</p> <p>5-stage blower switch on the unit via touch control or via an external switch / control. Status and filter replacement indicator via LED on the touch control. Optionally with exhaust air filter ISO Coarse ≥ 30%.</p> <p>EC radial fans with zinc-plated casing, designed for continuous operation. Low current consumption via integrated 230 V power supply.</p> <p>Standard with inside temperature and humidity sensor. Optional air quality sensor with CO2 regulation or CO2 and TVOC regulation.</p> <p>Serially equipped with magnetic lock on the room side. Optionally available with electrical locking mechanism.</p>		

Optional control via external inputs (230V), e.g. for night or cross ventilation. Integration into building control system possible.

Optional smart variant available for easy operation via the SIEGENIA Comfort app and further additional functions such as continuous control, timer function, reset of the filter replacement indicator, etc.

Technical specifications AEROMAT VT A1:

air throughput ventilation level 1: approx. 10 m³/h
 ventilation level 2: ca. 20 m³/h
 ventilation level 3: ca. 30 m³/h
 ventilation level 4: ca. 45 m³/h
 ventilation level 5: ca. 60 m³/h

inherent noise ventilation level 1: L_{pA} = 15 dB(A)
 ventilation level 2: L_{pA} = 16 dB(A)
 ventilation level 3: L_{pA} = 20 dB(A)
 ventilation level 4: L_{pA} = 28 dB(A)
 ventilation level 5: L_{pA} = 35 dB(A)

Inherent noise measured according to DIN EN ISO 13141-8, sound pressure level with room insulation of 8 dB

Sound absorption (measured according to DIN EN 10140-2) D_{n,e,w}: up to 57 dB

Technical specifications AEROMAT VT A2:

air throughput ventilation level 1: approx. 20 m³/h
 ventilation level 2: ca. 40 m³/h
 ventilation level 3: ca. 60 m³/h
 ventilation level 4: ca. 90 m³/h
 ventilation level 5: ca. 120 m³/h

inherent noise ventilation level 1: L_{pA} = 17 dB(A)
 ventilation level 2: L_{pA} = 19 dB(A)
 ventilation level 3: L_{pA} = 21 dB(A)
 ventilation level 4: L_{pA} = 31 dB(A)
 ventilation level 5: L_{pA} = 37 dB(A)

Inherent noise measured according to DIN EN ISO 13141-8, sound pressure level with room insulation of 8 dB

Sound absorption (measured according to DIN EN 10140-2) D_{n,e,w}: up to 54 dB

Make: SIEGENIA **AEROMAT VT A**

Type: _____

Length: _____

Depth: _____

Equipment: _____

Item	piece	object	price each EURO	total price EURO
		<p>AEROMAT VT A – concealed installation in lintel (with lintel duct) Decentralised sound absorbing exhaust air unit</p> <p>AEROMAT VT A is an unidirectional exhaust air unit. AEROMAT VT A is subdivided into two basic types (special solutions on request):</p> <ul style="list-style-type: none"> - AEROMAT VT A1 = 1 exhaust air fan - AEROMAT VT A2 = 2 exhaust air fan <p>Ventilator height 100 mm Ventilator depth ≥ 300 mm to 500 mm Ventilator length A1: ≥ 750 mm to 6000 mm Ventilator length A2: ≥ 1500 mm to 6000 mm Can be adapted to suit the building due to variable overall depth and length. Enables continual, controlled ventilation of a living room.</p> <p>Casing made aluminium profiles with thermal separation due to casing cover and casing floor. Aluminium Inside and outside profiles available in RAL 9016 or optionally in any RAL colour or in the DB colours DB 701, DB 702, DB 703. Side panels in white or black according to the colour of the aluminium profiles. Maximum permissible area load up to 1000 kg/m The ventilator/fan/blower can easily be cleaned completely or inspected from the inside by removing the inside panel. All components are completely revisable. Internal insulation materials made of special foam with high sound absorption and fire protection class B1 in accordance with DIN 4102-1.</p> <p>Intended for concealed installation in the lintel The length of ducts can be shortened individually or alternatively lengthened using extension pieces in 100 mm increments up to a maximum length of 570 mm.</p> <p>Material: PVC EPP Surface: black Consisting of high-quality, expandable Polypropylene, it has a high resistance to chemicals and oils. Has a long service life (no corrosion) and is light-weight. The manufacturing and fabrication of the foam particles is environmentally friendly and CFC-free. High energy absorption and lightweight Free from propellant gases and other chemical propellants</p> <p>Lintel channel Consisting of: lintel duct + cover + bag of screws Compensation pieces for easy mounting in areas where a vent piece cannot be accommodated Dimensions of duct: 500 x 170 x 41mm</p> <p>PVC outer panel Consisting of: PVC outer panel, colour white (similar to RAL 9016) or black (similar to RAL 9005), drainage channel, insect grille, fixing set – variable depth</p> <p>Optional: aluminium outer panel (to cover the PVC outer panel) Consisting of: aluminium outside panel in aluminium finish or RAL according to choice or DB colours (701, 702, 703), fixing set</p> <p>Classification of the watertightness: class 5A when opened, class 9A when closed.</p> <p>5-stage blower switch on the unit via touch control or via an external switch / control. Status and filter replacement indicator via LED on the touch control. Optionally with exhaust air filter ISO Coarse ≥ 30%.</p> <p>EC radial fans with zinc-plated casing, designed for continuous operation. Low current consumption via integrated 230 V power supply.</p> <p>Standard with inside temperature and humidity sensor. Optional air quality sensor with CO2 regulation or CO2 and TVOC regulation.</p> <p>Serially equipped with magnetic lock on the room side. Optionally available with electrical locking mechanism.</p>		/

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 ventilation level 2: L_{pA} = 16 dB(A)
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 ventilation level 4: L_{pA} = 28 dB(A)
 ventilation level 5: L_{pA} = 35 dB(A)

Inherent noise measured according to DIN EN ISO 13141-8, sound pressure level with room insulation of 8 dB

Sound absorption (measured according to DIN EN 10140-2) D_{n,e,w}: up to 57 dB

Technical specifications AEROMAT VT A2:

air throughput ventilation level 1: approx. 20 m³/h
 ventilation level 2: ca. 40 m³/h
 ventilation level 3: ca. 60 m³/h
 ventilation level 4: ca. 90 m³/h
 ventilation level 5: ca. 120 m³/h

inherent noise ventilation level 1: L_{pA} = 17 dB(A)
 ventilation level 2: L_{pA} = 19 dB(A)
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Sound absorption (measured according to DIN EN 10140-2) D_{n,e,w}: up to 54 dB

Make: SIEGENIA **AEROMAT VT A**

Type: _____

Length: _____

Depth: _____

Equipment: _____

Item	piece	object	price each EURO	total price EURO
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 ventilation level 2: ca. 20 m³/h
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 ventilation level 5: L_{pA} = 35 dB(A)

Inherent noise measured according to DIN EN ISO 13141-8, sound pressure level with room insulation of 8 dB

Sound absorption (measured according to DIN EN 10140-2) D_{n,e,w}: up to 57 dB

Technical specifications AEROMAT VT A2:

air throughput ventilation level 1: approx. 20 m³/h
 ventilation level 2: ca. 40 m³/h
 ventilation level 3: ca. 60 m³/h
 ventilation level 4: ca. 90 m³/h
 ventilation level 5: ca. 120 m³/h

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Sound absorption (measured according to DIN EN 10140-2) D_{n,e,w}: up to 54 dB

Make: SIEGENIA **AEROMAT VT A**

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Technical specifications AEROMAT VT A2:

air throughput ventilation level 1: 20 m³/h
 ventilation level 2: 40 m³/h
 ventilation level 3: 60 m³/h
 ventilation level 4: 90 m³/h
 ventilation level 5: 120 m³/h

inherent noise ventilation level 1: L_{pA} = 17 dB(A)
 ventilation level 2: L_{pA} = 19 dB(A)
 ventilation level 3: L_{pA} = 21 dB(A)
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Inherent noise measured according to DIN EN ISO 13141-8, sound pressure level with room insulation of 8 dB

Sound absorption (measured according to DIN EN 10140-2) D_{n,e,w}: up to 54 dB

Make: SIEGENIA **AEROMAT VT A**

Type: _____
Length: _____
Depth: _____
Equipment: _____

Item	piece	object	price each EURO	total price EURO				
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Technical specifications AEROMAT VT A2:

air throughput ventilation level 1: 20 m³/h
 ventilation level 2: 40 m³/h
 ventilation level 3: 60 m³/h
 ventilation level 4: 90 m³/h
 ventilation level 5: 120 m³/h

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