

Item	piec	Object	Price each EURO	Total price EURO				
		<p>AEROMAT VT WRG 1000</p> <p>Decentralised sound absorbing ventilation unit with heat recovery</p> <p>Installation height 100 mm Installation depth ≥ 313 mm Variable length ≥ 1000 mm</p> <p>Provides controlled ventilation while also providing heat recovery.</p> <p>Casing made from extruded aluminium profiles (EN AW 6060) with thermal separation of at least 201 mm.</p> <p>Weather grille and front profile made from extruded aluminium profiles, in RAL 9016 (available in any RAL colour as an option). Front panel structure allows for flush installation.</p> <p>Load-bearing up to 1000 kg per 1000 mm of ventilator length.</p> <p>Internal insulation material made of self-extinguishing special foam.</p> <p>Two 24-V DC EC radial fans with zinc-plated casing, designed for continuous operation. Low current consumption of 24 watts at maximum air throughput via integrated 230 V power supply.</p> <p>3-stage blower switch on the unit using a membrane key or via an external switch/control.</p> <p>Status and filter replacement indicator via LED on the membrane key.</p> <p>Standard with supply air filter ISO ePM10 65% and exhaust air filter ISO Coarse 55%.</p> <p>Optional NOx supply air filter (nitrogen dioxide, fine dust, pollen) available</p> <p>Temperature and humidity sensor in supply and extract air mode with condensation and frost control as standard.</p> <p>Optional air quality sensor with CO₂ regulation or with CO₂ and TVOC regulation.</p> <p>Integration into building control system possible.</p> <p>Optional – variant AEROMAT VT WRG 1000 smart:</p> <ul style="list-style-type: none">• simple operation via smartphone or tablet using the SIEGENIA Comfort app*• continuous control of the blower performance• filter change indicator and reset of the filter change indicator (after filter has been replaced)• display of the inside and outside temperature in °C• display of the inside and outside air humidity in %• air quality display (depending on unit equipment)• automatic mode <p>All components that convey air can be accessed directly by simply pulling down the front profile and are easy to inspect, clean and replace.</p> <p>Technical specifications:</p> <table><tr><td>volume flow</td><td>level 1 = 22 m³/h level 2 = 38 m³/h level 3 (power level) = 52 m³/h</td></tr><tr><td>inherent noise</td><td>level 1 L_{pA} = 24 dB(A) level 2 L_{pA} = 36 dB(A) level 3 (power level) = 43 dB(A)</td></tr></table> <p>Inherent noise measured according to EN 3745 (with room insulation of 8 dB). Heat recovery efficiency measured according to DIN EN 13141-8 max. 62 %</p> <p>Sound absorption: D_{n,w} = 54 dB (R_{w1,9} = 47 dB) in accordance with DIN EN ISO 10140-2. U-value = 0.55 W/m²K in accordance with DIN EN ISO 6946.</p> <p>Make: SIEGENIA AEROMAT VT WRG 1000</p> <p>Type: _____</p> <p>Length: _____</p> <p>Depth: _____</p> <p>* Notes on compatibility under: www.siegenia.com/gr/comfort-app/faq</p>	volume flow	level 1 = 22 m ³ /h level 2 = 38 m ³ /h level 3 (power level) = 52 m ³ /h	inherent noise	level 1 L _{pA} = 24 dB(A) level 2 L _{pA} = 36 dB(A) level 3 (power level) = 43 dB(A)		
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