

Item	Piece	Product	Unit price EURO	Total price EURO
		<p>AEROMAT VT WRG 1000 Decentralised sound absorbing ventilation unit with heat recovery</p> <p>Installation height 100 mm Overall 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 (Al Mg Si 0.5/FF22 25) with thermal separation of at least 220 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>The air intake opening exposed to weather conditions is designed as a shadow gap in the water-repellent version.</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 AC safety isolating transformer.</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>With F7 fresh air filter and G3 exhaust air filter as standard. When operated without filters, the ventilator is protected by a reversible insect grille instead.</p> <p>Including the F7 fresh air filter, the structure and components of the AEROMAT VT WRG 1000 are constructed in accordance with German VDI standard 6022.</p> <p>Optional control via CO₂ and VOC air quality sensor as well as moisture and temperature sensors and frost protection control. Integration into building control system possible.</p> <p>Optional – AEROMAT VT WRG 1000 smart version:</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 (depending on device equipment) • Display of the inside and outside air humidity in % (depending on device equipment) • Air quality display (depending on device equipment) • Automatic mode (depending on device equipment) <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 in line with the requirements of VDI 6022.</p> <p>Technical specifications (air throughput in heat recovery operation):</p> <p>Volume flow Level 1 = 22 m³/h Level 2 = 38 m³/h Level 3 (power level) = 52 m³/h</p> <p>Inherent noise Level 1 L_{PA} = 24 dB(A) Level 2 L_{PA} = 36 dB(A) Level 3 (power level) = 43 dB(A)</p> <p>Inherent noise measured in accordance with DIN EN ISO 3745 (at 8 dB room insulation). Heat recovery efficiency of max. 62 % in accordance with EN 308</p> <p>Sound absorption: D_{n,r,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>*The SIEGENIA Comfort app is compatible with iOS 8.0 or newer, iPhone, iPad and iPod touch, as well as with Android 5.0 or newer</p>		