

Item	Piece	Product	Unit price EURO	Total price EURO
		<p>AEROMAT VT WRG 1100 Decentralised sound absorbing ventilation unit with heat recovery</p> <p>Installation height 100 mm Overall depth \geq 380 mm Variable length \geq 1100 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 1100 kg per 1100 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 11 watts at 37 m³/h via integrated 230 VAC 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.</p> <p>Cable outlet and membrane key always on the left.</p> <p>Optional control via CO₂ und 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 1100 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. Designed for horizontal installation.</p> <p>Technical specifications:</p> <p>Inherent noise L_{pA} 27 dB (A) at 37 m³/h volume flow (at room insulation 8 dB) Internal noise measured according to DIN EN ISO 3745 Heat recovery efficiency of max. 62 % in accordance with EN 308</p> <p>Sound absorption: D_{n,w} = 55 dB (R_{w1,g} = 48 dB) in accordance with DIN EN ISO 10140-2. U-value = 0.55 W/m²K in accordance with DIN EN ISO 6946.</p> <p>Product: SIEGENIA AEROMAT VT WRG 1100</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>		