

Rectangular Degaussing Coils VEM

This coil series allows a greater flexibility with feasible construction sizes, compared with our well-proven modular system for coils type EM, and meets almost any demand in terms of format. Suitable for degaussing of small to medium-sized work pieces, as single pieces, bulk goods or on tray, in container or basket and others. The degaussing process can be performed within the production flow by transport of the goods through the active magnetic alternating field of the degaussing coil.

Owing to the versatile modular system by using stainless steel coil segments, a great variety of coil sizes is possible. Inner width and inner height can be adapted in steps of 10 mm between 60 x 60 mm upto 510 x 510 mm. Coil length can also be customized.

Power Supply:

- 230 V/50 Hz, 400 V/50 Hz (other voltages on demand)
- Connection to low frequency generator EG2422, EG2422M or EG2422S (for „B“ series)

Features:

- Protection class: IP54
- Housing made of stainless steel panels
- Connection cable 2.5 m (other lengths on demand)
- Cooling: radial fan or liquid-cooled (optional)



Type (Examples)	Inner Width mm	Length mm
VEM1111	110 x 110	262 (or on demand)
VEM2116-300	210 x 160	362 (or on demand)
VEM3126-400	310 x 260	462 (or on demand)
VEM5151	510 x 510	262 (or on demand)

Type VEM-xxxx**V** with radial fan / Type VEM-xxxx**W** or VEMxxxx**BW** liquid-cooled

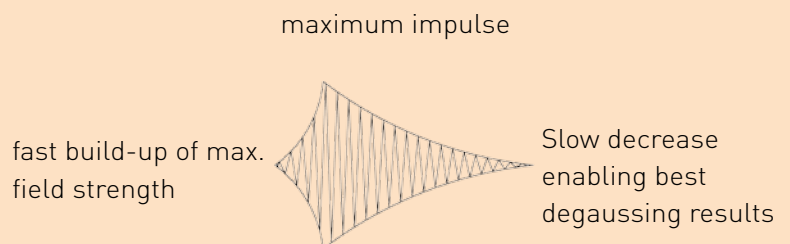
Rectangular Degaussing Coils VEM-PV

For degaussing of small to medium-sized work pieces which require a very high magnetic field strength to ensure thorough degaussing, due to their magnetically hard ferrous alloy (hardness). Suitable for single pieces, bulk goods or goods on tray, in containers or in a basket, and other arrangements. The degaussing process is done while the goods dwell inside the degaussing coil, until the short degaussing impulse has faded. Owing to the short impulse duration, very high magnetic field strengths as well as high clock rates can be realised, with economic power consumption at the same time.

Owing to the versatile modular system by using stainless steel coil segments, a great variety of coil sizes is possible. Inner width and inner height can be adapted in steps of 10 mm between 60 x 60 mm upto 510 x 510 mm. Coil length can also be customized.

Power supply: • Connection to low frequency generator EG2422P

- Features:**
- Protection Class IP54
 - Housing made of stainless steel panels
 - Connection cable 2.5 m (other lengths on demand)
 - Cooling: radial fan or liquid-cooled (optional)



Type (Examples)	Inner Width mm	Length mm
VEM1111P	110 x 110	262 (or on demand)
VEM2626PV	260 x 260	262 (or on demand)
VEM3126P-400	310 x 260	462 (or on demand)
VEM5040P-300	500 x 400	362 (or on demand)

Type VEM-xxxx**V** with radial fan / Type VEM-xxxx**W** or VEMxxxx**BW** liquid-cooled

Vallon GmbH • Arbachtalstr. 10 • 72800 Eningen • Germany

Tel.: +49-7121 9855 0 • Fax: +49 7121 9855 100 • info@vallon.de • www.vallon.de