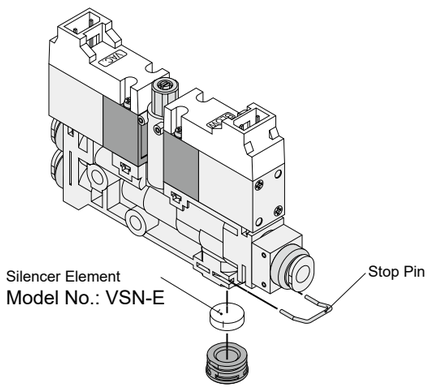
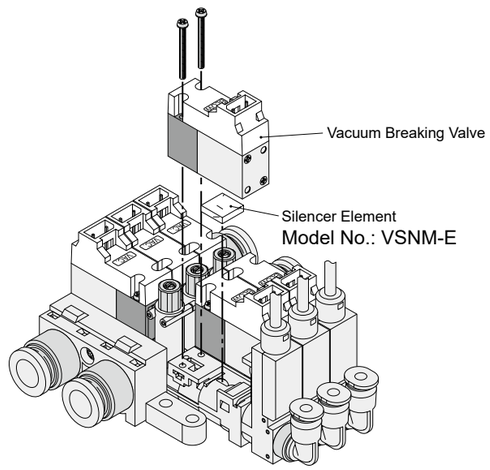
Maintenance Parts





To Use This Product Safely

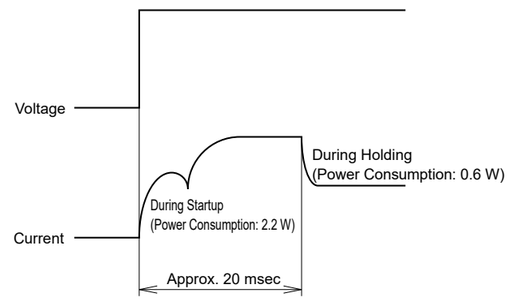
Be sure to read this before use.
For general pneumatic components precautions, Intro P. 15 for details.

Individual Precautions: VSN Series

Design / Selection

Warning

■The solenoid valve of this product uses a current control circuit, serving as a mechanism to reduce the current value when the coil is kept energized. Absolutely avoid use in environments subject to vibration/shock outside of specifications. This can lead to valve malfunction.



Current/Voltage Waveform During Solenoid Valve Energization

Caution

■The solenoid valve lead wire of this product has polarity. If the polarity is incorrect, the solenoid valve will not operate.

■This product does not have a Vacuum Filters. Always use our company's vacuum filter series together with this product. If a vacuum filter is not used, sucked-in dust, dirt, etc., will accumulate inside the product, causing degradation of vacuum performance (ejector system compatible unit) or solenoid valve leakage/ malfunction(ejector system compatible unit, vacuum pump system compatible unit), etc. (Recommended Vacuum Filters: VSFU Series, VSFJ Series

■In the manifold, the number of units that can operate at the same time is limited due to the conditions of the air supply amount(supply port size, pipe length, regulator processing flow rate, etc.) and ejector air consumption(vacuum characteristics), etc. If using the manifold type in a manner involving simultaneous operation, please consult our sales office.

■The solenoid valve of this product essentially operates continuously. If performing continuous energization exceeding 15 minutes, limit it to 10 times/day or less. Also, return to normal operation after continuous energization.

For precautions regarding mounting, installation, adjustment, operation, and maintenance, please refer to the CKD Equipment Product Site(https: //www.ckd.co.jp/kiki/en/) → 'model No.' → Instruction Manual.