

Dear Reader,  
When researching for this edition of e-Matters we stumbled upon something created in Japan - the home of the SMC Corporation - which made us smile.  
Whilst completely unconnected with SMC or our products, in an effort to bring you a little light relief from today's difficult economic climate we thought that you might also find it amusing.

Have you ever heard of the Japanese word **珍道具 Chindogu ?**

Coined by Kenji Kawakami - a Japanese magazine editor and investor - the word is used to describe the art of inventing a gadget that appears to be perfectly useful but in reality it's something that's perfectly useless. For this reason Chindogu's are sometimes described as "unuseless".

Following the global success of the book "The Art of Chindogu", enthusiasts can now join the Chindogu International Society ([www.Chindogu.com](http://www.Chindogu.com)) and swap unuseless ideas with other Chindogu fans around the world.

Of course, Chindogu's are not something that should ever be associated with SMC and our innovative solutions as shown below, but from a FUN perspective only, we hope that you - like us - can see the humorous side to all Chindogu inventions.

We hope that you enjoy this edition of e-Matters.

The European Marketing Centre  
SMC Corporation



## **NP** INNOVATION AT A GLANCE

### **VXK - Built-in Y-shaped Strainer 2 Port Solenoid Valve** **Long life & Low maintenance**



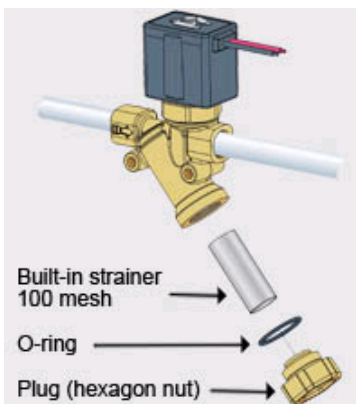
The integrated strainer (filter) unit removes any foreign materials from the incoming fluids. This not only improves the quality of the exhausted fluid but also the overall performance of the valve.

Increases the life of the valve and all the downstream equipment - the 100 mesh (up to  $\varnothing$  0.15mm) filter stops impurities passing through the valve and therefore the whole line will benefit from improved operational efficiency and longer life performance.

**Compact** - the VXK is a 2 port solenoid valve plus a strainer (filter) in a single compact unit. Therefore reducing installation time and piping labour dramatically.

[+ Please click here for more information.](#)

**Easy Maintenance** - see below how easy it is to replace the strainer



#### **VXK Features**

- Applicable fluids: Air, Water, Oil & Steam
- Rated Voltages - Available in a wide variety of voltages (AC, DC).
  - AC: 100 V, 200 V, 110 V, 220 V, 240 V, 230 V, 48 V
  - DC: 24 V, 12 V
- Materials
  - Body: Brass (C37)
  - Seal: NBR, FKM, EPDM, PTFE
  - Strainer - Stainless steel
- Power consumption: 4.5 - 10.5 W
- IP 65

**More Innovations this month!**

### **SMC's Configuration Software**

#### **New Air Line Configurator**

To help make your working day a little easier, our new Air Line Configurator - the AC - can assist you when building a modular FRL unit. By simply answering a few questions and selecting the products you require, the configurator will provide you with the correct part numbers for your specific needs. During the process the software will also highlight any incorrect options and when your FRL unit has been successfully configured you can save the specifications, request a quotation and create a pdf etc. This new software is now available on our Web Site.

[+ Download the new Air Line configurator v.1.1 now!](#)



Air Line Configurator



Currently available in 5 European languages (English, German, Italian, French & Spanish)

Also, at the same time, why not take a few minutes to check out our most up-to-date - "improved" - versions of our popular product configurators:  
- Valve Configurator  
- Cylinder Configurator

[+ Click Here to check the latest versions VC v.1.4](#)



### D-P3DW – Magnetic Field Resistant

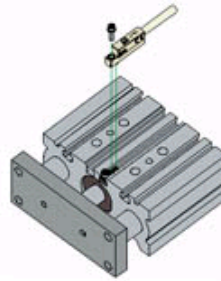
#### 2 colour display Solid State Auto-switch

Great resistance to magnetic fields – Allows 0mm distance between the conductor and the Auto Switch (as long as AC ≤ 16.000A).

Highly compact - 6 x 11 x 29 - smallest of its kind in the market!!

Easy to install - specially designed mounting bracket fixed to the actuator that allows repeatable positioning

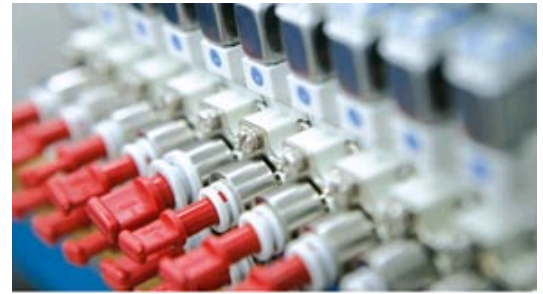
Applicable cyl. Bore sizes - Ø25 - Ø125



#### Our SMC Specialist recommends it for:

Automobile welding process or any welding process environment where alternating current magnetic fields are generated.

[+](#) For all D-P3DW related information, please [click here](#).



Valve Configurator

[+](#) [Click Here to check the latest versions CC v.1.1](#)



Cylinder Configurator

### AM\_AFF - IMPROVED Compressed Air Cleaning Filter Series

For water, solid/oil separation and deodorization.

**Installation time is dramatically reduced because they are now modular.**

New models offer larger flow rates and a greater range of options.

Introduction of two extremely compact and light weight options: filter unit and mist separator.

#### Our SMC specialist recommends it for:

- The production of dry and clean air.
- For air supply to instruments and machine tools.
- The production of deodorised air.
- For air supply in stirring, transportation, drying and wrapping applications.

[+](#) For all AM AFF related information, please [click here](#).



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