



<b>Prime &amp; After Sales Bulletin No.:</b>	<b>2012-12-09-Driving Air Conditioning.doc</b>
<b>Subject:</b>	<b>Improve Drive Air Quality</b>
<b>Issued:</b>	<b>20/12/2012 Dirk Machtans</b>
<b>Valid from:</b>	<b>2012-12-20</b>

Dear all,

based on our experience during last months, we feel, that the Supply Air quality is often very poor. Evaluation of several claims showed, that the Air Supply to our VISATRON OMD was connected to the Start Air System of the vessel, not to the (also existing) Control Air System. A Control Air System normally incorporates it's own Compressors plus Drying and Filter- Unit, and the Start Air seems to be badly contaminated with oil and water in those cases – conditioning seems not required, if it is only used to start the Main Engine!

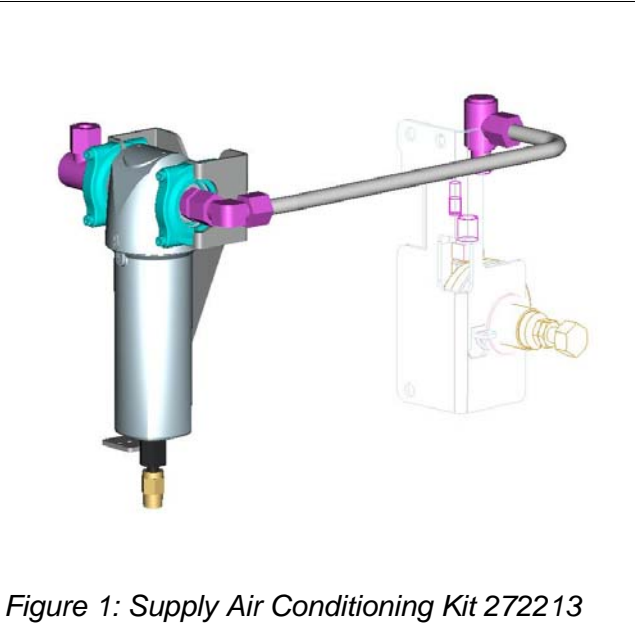


Figure 1: Supply Air Conditioning Kit 272213

To overcome this situation, specially in existing installations, Schaller Automation has developed an optional Supply Air Conditioning Kit (see Drawing DC272213 02), containing all components to simply upgrade any VN/87, VN/93 and VN/87plus model. The Waterseparator/Filter Unit has a manual de-watering valve at the bottom, which shall be actuated at least once per day (depends on Air Quality!). We are working on a solution for Automation, requiring 24 VDC supply (still under development and approval, will follow soon).

**Material Number for ordering the complete Supply Air Conditioning Kit is 272213.**

Based on a minimum production batch of 20 kits, the Listprice is calculated to 638,60 € per kit. If it appears, that batches of 50 kits can be produced, we actually expect the Listprice to reduce to 536,70 €

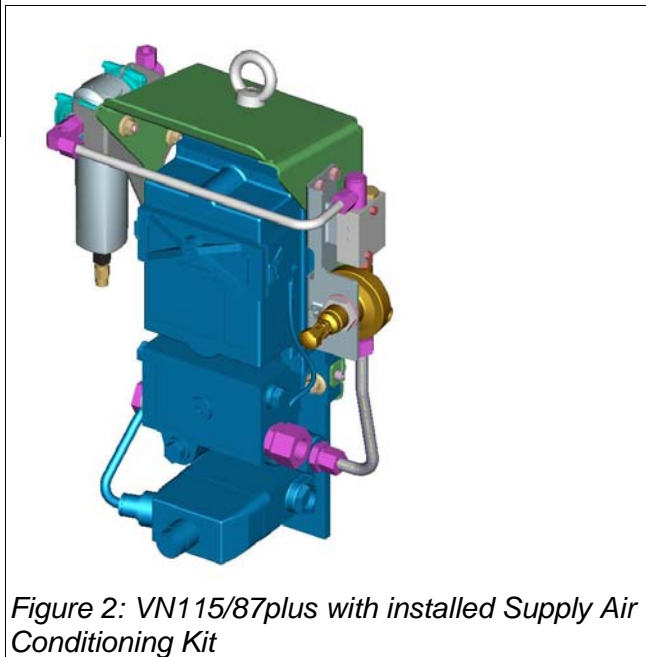


Figure 2: VN115/87plus with installed Supply Air Conditioning Kit



**Features and benefits:**

- no more clogging of Compressed Air Filter by Water or Compressor Lubrication Oil residues (this effect often reduced the Airflow and triggered a Low Vacuum Alarm!)
- increased intervalls for changing Scavenging Air Filters and Compressed Air Filter, thus reducing maintenance costs

A brochure „Upgrade Kits for Maintenance Reduction“ is presently ordered for print, and it will be made available also as an E-mail-ready PDF- file. We will keep You updated.

If any questions remain, please contact the undersigned.

Regards

**Dirk Machtans**  
 Division Manager  
 Prime & After Sales

