

Automatic Oil De-Aerators

		<p>Automatic operation eliminates malfunctions. The danger of a leak in the return pipe going unnoticed is removed. It is no longer necessary to regularly check the return pipe for leaks. The amount of oil drawn from the tank corresponds exactly to the oil burnt. The service life of the oil filter is considerably increased compared to dual line operation. The suction pipe can usually have a smaller diameter.</p> <p>Flow-Control 3/K-1 69930</p> <p>Flow-Control 3/K-1 Oil De-aerator</p> <p>Consists of a diecast zinc housing with female connection thread at the tank side and male 3/8" connection threads with 60° cone to connect the burner hoses. The de-aerator hood is made from transparent plastic. Flow-Control 3/K-1 is for fuel oil (DIN 51603-1), diesel (DIN EN 590) also biodiesel and vegetable oils (rape oil). The device must not be subjected to undiluted additives, alcohol and acids. T-tested (S 159/02)</p> <p>Flow-Control 3/K-1 (G)</p> <p>Similar to Flow-Control 3/K-1, but with female G connections at the burner side.</p> <p>Specification: Burner connection: 3/8" male with 60° cone for burner hose or female. Tank connection: female, or oil hose G male x G3/8" union nut for filter connection. Nozzle capacity: Max. 100l/h. Return flow: Max. 120l/h. Separation capacity air/gas: approx. 4l/h. Mounting position: Float housing vertical. Ambient: Max. 60°C Operating: Max. 60°C, Special version max. 80°C. Operating overpressure: Max. 0.7bar (corresponds to static oil column of ca. 8 m). Test pressure: 6 bar. Dimensions (WxHxD): 95x150x95mm.</p>
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		<p>Flow-Control 3/M 69929</p> <p>Flow-Control 3/M Oil De-aerator</p>
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Equipped with two separate float chambers. The first one consists of a metal de-aerator hood with an operating and a de-aerating float. The second one is a transparent plastic safety float chamber. It prevents the oil foam from escaping via the de-aerator opening (e.g. during commissioning/filter exchange) and indicates malfunctions of the de-aerator valve. Connection thread identical to Flow-Control 3/K-1. Also suitable for pressure operation up to 0.7 bar. Flow Control 3/M is recommended for mounting below the maximum fuel oil level in the tank and for any application requiring particular safety.</p> <p>Specification: Burner connection: 3/8◆ male with 60◆ cone for burner hose or ◆◆ female. Tank connection: ◆◆ female, or oil hose G◆◆ male x G3/8" union nut for filter connection. Nozzle capacity: Max. 100 l/h. Return flow: Max. 120 l/h. Separation capacity air/gas: approx. 4 l/h. Mounting position: Float housing vertical. Ambient: Max. 60◆C. Operating: Max. 60◆C, special version max. 80◆C. Operating overpressure: Max. 0.7 bar (corresponds to static oil column of ca. 8 m). Test pressure: 6 bar. Dimensions (WxHxD): 95x200x95mm
</p> </td> </tr> </table> <table cellpadding="0" cellspacing="0" border="0" style="width: 633px; height: 249px;"> <tr> <td>◆</td> <td>◆</td> <td style="background-color: #0066cc; height: 10px; border: #ffffff 1px solid;">◆FloCo-TOP-K◆and M◆with Integrated Filter◆ 69960◆ 69959</td> </tr> <tr> <td valign="top" style="width: 22px;"> <p></p> <p></p> <p>◆</p> <p>◆</p> </td> <td style="width: 10px;">◆</td> <td style="width: 550px; font-family: Arial,Helvetica,sans-serif; font-size: 10px;"> <p>
Automatic fuel oil de-aerator, safety version with integrated filter and stop valve for use in single-line
systems with return pipe connection. Metal housing. Plastic de-aerator hood. With additional plastic hood and safety float which prevents the oil foam from escaping via the de-aerator opening. In addition, it is possible to detect malfunctions in the de-aeration system.◆ Connections for suction and return hoses 3/8◆ male thread with inner conical section.◆ Connection to tank 3/8◆ female thread.◆ With short sintered plastic insert 50 ?m and short, transparent filter bowl. FloCo-TOP-M version has metal de-aerator hood. FloCo-OPTIMUM-K version has long filter bowl/insert. FloCo-OPTIMUM-M version has long filter bowl/insert and metal de-aerator hood.</p> <p>Benefits:
◆ Fuel oil de-aerator, filter and stop valve in a single compact unit.
◆ Safety version with metal hood for universal application.
◆ Safety version reliably prevents oil foam from escaping.</p> <p>Benefits:
◆ Fuel oil de-aerator, filter and stop valve in a single compact unit.
◆ Safety version with metal hood for universal application.
◆ Safety version reliably prevents oil foam from escaping.</p>

style="font-family: arial, helvetica, sans-serif; ">Specification: Burner connection: 3/8" male with 60° cone for burner hoses. Tank connection: 3/8" female. Nozzle capacity: Max. 100 l/h. Return flow: Max. 120 l/h. Separation capacity air/gas: 4l/h. Mounting position: Float housing vertical. Ambient: Max. 60°C. Operating: Max. 60°C (please enquire for higher temperatures). Operating overpressure: Max. 0.7 bar (corresponds to static oil column of ca.8m). Test pressure: 6 bar. Dimensions (WxHxD): FloCo-TOP-K/M: 165x272x95mm. FloCo-TOP-OPTIMUM-K/M: 165x366x95mm
</p> </td> </tr> </table> <table cellpadding="0" cellspacing="0" border="0" style="width: 633px; height: 113px;"> <tr> <td></td> <td></td> <td style="background-color: #0066cc; height: 10px; border: #ffffff 1px solid;">FloCo-TOP-KM with Filter and Vacuum Gauge 69980</td> </tr> <tr> <td valign="top" style="width: 22px;"> <p></p> </td> <td style="width: 10px;"></td> <td style="width: 550px; font-family: Arial, Helvetica, sans-serif; font-size: 10px;"> <p>Automatic fuel oil de-aerator, similar to FloCo-TOP-K, but with vacuum gauge for indication of the degree of pollution of the filter. In addition, a possible static pre-pressure of up to 0.7 bar is indicated. The stop valve can be closed to check the suction capacity of the burner pump. FloCo-TOP-MM version has metal de-aerator hood.</p> </td> </tr> </table> <table cellpadding="0" cellspacing="0" border="0" style="width: 633px; height: 98px;"> <tr> <td></td> <td></td> <td style="background-color: #0066cc; height: 10px; border: #ffffff 1px solid;">FloCo-TOP-KMFwith Fine Filterand Vacuum Gauge</td> </tr> <tr> <td valign="top" style="width: 90px;"> <p> <div style="text-align: center;"></div> </p> </td> <td style="width: 12px;"></td> <td style="width: 550px; font-family: Arial, Helvetica, sans-serif; font-size: 10px;"> <p>Similar to FloCo-Top-K, but with a fine filter cartridge exchange system. Especially suited for small burner capacities due to the large filter surface (840 cm2) and ultrafine mesh size (12-30µm). The gauge is used to determine when the filter needs to be replaced.</p> <p></p> </td> </tr> </table> <p></p>