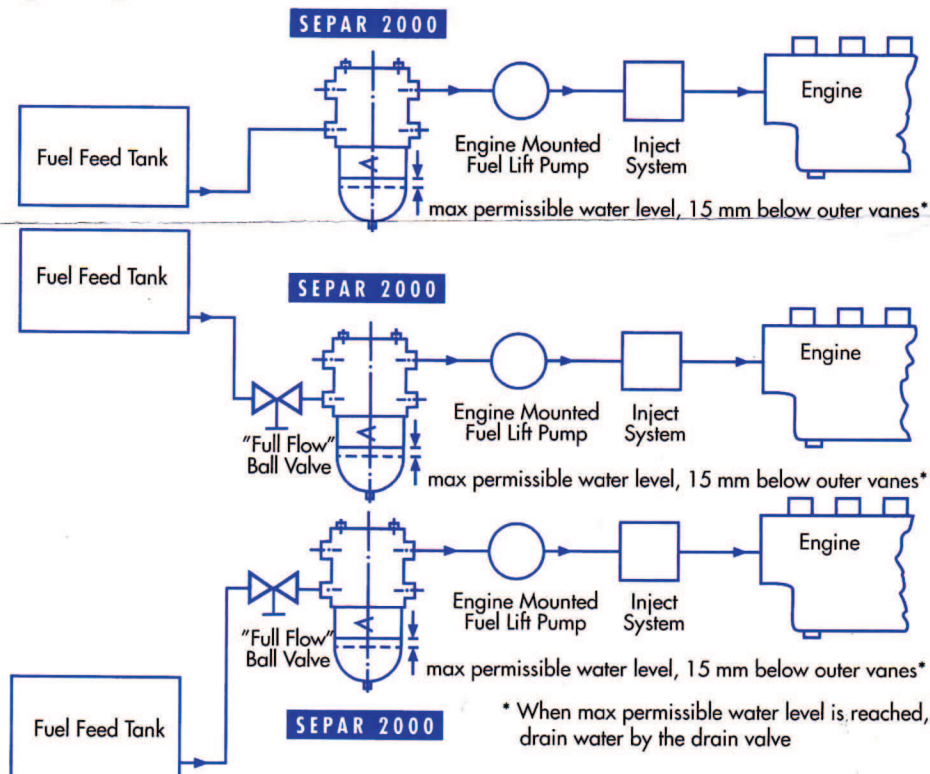


Installation Instructions:

The SEPAR 2000 should be installed on the suction side of the fuel system, between the fuel feed tank and the engine mounted fuel lift pump.

- Install the filter in an accessible position to allow water and particulate removal and filter element change (a minimum of 60 mm is required for element change).
- The filter housing has two inlet and two outlet ports to give options on installation position.
- The ideal position for the filter is at the same height as the lift pump. However if the top of the fuel tank is above this position a "full flow" ball valve should be fitted, before, the filter so that the fuel flow can be shut off to allow filter maintenance.
- In application where the fuel level is below the filter it is still advisable to install a "full flow" ball valve to prevent fuel draining back into the fuel tank.
- After filter installation on system without a positive head of fuel, remove the filter lid and fill with fuel to assist in priming the system.
- Avoid sharp 90-degree bends on the fuel system piping as these increase system pressure drop, as does any reduction in the internal diameter of fuel piping.
- Check all fittings are tight and free from leaks.

**Maintenance Instructions:**

- 1 Before any maintenance procedures switch off engine **or** change over to the other filter if a duplex system is fitted.
- 2 Open bleed valve on top of the filter lid.
- 3 Drain any separated water and particulate by opening the valve push and turn at the bottom of the bowl, then close the drain valve.
- 4 Refill the filter with fuel, by either opening the shut off valve if the fuel level is above the filter or alternatively remove the lid and top up filter, then replace the lid and close the bleed valve.
- 5 Note. Engine mounted fuel lift pumps are normally fitted with a manual priming lever.

The above detailed procedure will have also flushed the filter element by the action of clean fuel washing back down through the element, this action extends the life of the filter element. Replace the filter element of the SEPAR 2000 in the pressure drop is too high or if engine is not able to reach maximum revolutions or at least once a year.

Important: Only clean diesel fuel should be used to clean clear plastic bowls, certain cleaning materials can attack the plastic material and have a detrimental effect

Procedure to replace filter element:

- 1 Stop engine or change to other filter if duplex system
- 2 Loosen the lid screws
- 3 Remove the lid
- 4 Take out the spring cassette
- 5 Lift out filter element by the handle
- 6 Replace with new filter element
- 7 Re-fit the spring cassette
- 8 Check lid gasket is positioned correctly or replace if necessary
- 9 Fit lid, checking for correct positioning, insert screws and tighten them in multiple turns cross wise
- 10 Prime fuel system and check for leaks
- 11 Restart engine or switch to filter of your choice if a duplex system

Spare elements:

Filter Type	Spare Element Description	Article No.	Quantity	Seal Kit Article No.	Quantity
SWK 2000/5 Single	Paper 30 mic.	00530	1	06 1527	1
	Paper 10 mic.	00510	1		
SWK 2000/5/U Duplex	Paper 30 mic.	00530	2	06 1527	2
	Paper 10 mic.	00510	2		
SWK 2000/5/50 Single	Paper 30 mic.	00530/50	1	06 1527	1
	Paper 10 mic.	00510/50	1		
SWK 2000/5/50/U Duplex	Paper 30 mic.	00530/50	2	06 1527	2
	Paper 10 mic.	00510/50	2		
SWK 2000/10 Single	Paper 30 mic.	01030	1	06 1528	1
	Paper 10 mic.	01010	1		
SWK 2000/10/U Duplex	Paper 30 mic.	01030	2	06 1528	2
	Paper 10 mic.	01010	2		
SWK 2000/18 Single	Paper 30 mic.	01830	1	06 3979	1
	Paper 10 mic.	01810	1		
SWK 2000/18/U Duplex	Paper 30 mic.	01830	2	06 3979	2
	Paper 10 mic.	01810	2		
SWK 2000/40 Single	Paper 30 mic.	04030	1	06 3980	1
	Paper 10 mic.	04010	1		
SWK 2000/40/U Duplex	Paper 30 mic.	04030	2	06 3980	2
	Paper 10 mic.	04010	2		
SWK 2000/130 Single	Paper 30 mic.	01830	4	06 3993	1
	Paper 10 mic.	01810	4		
SWK 2000/130/U Duplex	Paper 30 mic.	01830	8	06 3993	2
	Paper 10 mic.	01810	8		

Will fit element are not resulting in an appropriate separation efficiency. **No warranty is granted** for the application with will fit elements in SEPAR filters.

Willibrord Lösing
Filtertechnik e. K.



Postfach 866009
45517 Hattingen
Am Walzwerk 2
45527 Hattingen
fon +49 2324 9460-0
fax +49 2324 40842
mail info@loesing-filter.de
web www.loesing-filter.de