

## **POINTS OF SUPERIORITY OF RESY KOMPAKT BAND FILTER OVER GRAVITY BAND FILTER**

<b>GRAVITY BAND FILTER</b>	<b>SOVEREIGN KOMPAKT BAND FILTER</b>
Large area required. This means loss of valuable floor space at shop floor.	The space requirement for installation of Sovereign Kompakt Band Filter is 10%- 20% of that of Gravity Band Filter. This means reduction of valuable floor space up to 70% on shop floor.
Hydrostatic Head available with Gravity Band Filter is 30 - 40 mm.	Hydrostatic Head available with Kompakt Band Filter is up to 450mm, i.e. 10 times that of Gravity Band Filter.
In view of poor Hydrostatic Head Filtration efficiency and through put is low. Hence, the span of the Gravity Band Filter must be bigger in area to handle the specified flow rate.	In view of excellent Hydrostatic Head, Through put and filtration efficiency are much better enabling to minimize the Span of the Filter Belt.
Poor Hydrostatic Head limits the cake formation, there by inferior filtration efficiency. Limited upto 20GSM Filter Media.	Excellent Hydrostatic Head of Kompakt Band Filter improve the filtration efficiency by superior dust cake build up. Can go upto 100 GSM Filer Media.
In view of the limitation of filtration efficiency due to low Hydrostatic Head, once need to use higher efficiency, more expensive Filter Paper to achieve desired results. This can also lead to faster consumption of Filter Paper.	In view of excellent Hydrostatic Head and the advantage of dust cake formation on the filter paper, one can achieve optimum filtration efficiencies by compromising on inexpensive Filter Media. Thus the consumption of the Filter Media can be minimized.
Higher Paper consumption.	Paper consumption is lower by 50%as compared to Gravity Band Filter.
Higher Paper consumption –High operating cost	Lesser Paper Consumption – Lower operating cost
Gravity Band Filter are open from sides. This can lead to over flow of dirty coolant and thereby defeat the very objective of Coolant filtration.	Kompakt Band Filter has perfect sealing mechanism on sides with the steel discs and moving belt along with the Filter media. Thereby ensures 100% against over flow.
Higher Energy consumption in view of frequent running of motor to index the Filter Media.	Lower Energy consumption due to slow indexing of the motor.
Limitation with respect to filtration efficiency, limits use very light viscosity neat oils (4cSt Max.) as a Coolant.	In view of the excellent filtration efficiency, neat oil upto 15-18 cSt can be used.
Initial low installation cost , but higher operating cost ,hence overall expensive.	Initial high installation cost, but low operating cost – overall economy. Higher ROI (Return of Income)