

Hy-Pro Modified Low ΔP Media

Hy-Pro G8 Dualglass High Performance DFE Rated Filter Media

Alternative design for applications where standard clean element ΔP is high relative to element ΔP indicator or alarm setting.

- High flow lube systems
- High viscosity fluid applications
- Undersized filter housings lube or hydraulic
- Low ΔP / bypass setting (~15 psid, 1 bar paper machine lube).
- Upgrading to higher efficiency media than original OEM specification
- Extend element life with lower relative clean element ΔP



Modified Dualglass Low ΔP Media

When upgrading from some element manufacturers to Hy-Pro the clean element pressure drop experienced with the Hy-Pro element may be slightly higher. The Hy-Pro standard design with M media code typically yields a drop (improvement) of one to two codes in each particle size of the ISO fluid cleanliness codes (4/6/14). For all hydraulic and lube applications the Hy-Pro element is designed to last longer than the original once it has achieved a clean fluid equilibrium. If the standard Hy-Pro clean element pressure drop results in element life that is less than optimum, clean element ΔP must be considered. For these applications Hy-Pro has developed the H code modified low ΔP media resulting in a lower clean element pressure drop and lower flow resistance.

**Standard Media
Part Number**

HP8310L6-6MB

**Low ΔP Media
Part Number**

HP8310L6-6HB

Lube Applications

In some lube systems (i.e. paper machine bearing lube) the fluid viscosity is high (i.e. ISO VG220) and the alarm for terminal differential pressure is relatively low (i.e. 15 psid, 1 bar). In such applications the low ΔP design might yield longer element life because the clean element plays such an important role in overall element life. If the same system had a terminal differential pressure of 50 psid, 3.5 bar the standard M pack design would yield a longer element life than the low ΔP design.

Hydraulic Applications

If a filter housing is sized close to its maximum rated flow with the originally specified media the clean element differential pressure might be > than 15 psid, 1 bar. If this is the case the H code low ΔP design might be more suitable. Also, if the intent is to upgrade to a filter element with higher efficiency to achieve a lower ISO code the low ΔP design might be required to avoid excessive clean element pressure drop.

Common H Code Modified Low ΔP Media Filter Element Part Numbers

Original Part Number	Low ΔP Part Number	Original Part Number	Low ΔP Part Number	Original Part Number	Low ΔP Part Number
HP39HL6-3MB	HP39HL6-3HB	HP95RNL14-6MB	HP95RNL14-6HB	HP102L36-10MB	HP102L36-10HB
HP39HL6-3MV	HP39HL6-3HV	HP95RNL14-6MV	HP95RNL14-6HV	HP102L36-10MV	HP102L36-10HV
HP39HL6-6MB	HP39HL6-6HB	HP95RNL14-10MB	HP95RNL14-10HB	HP8310L16-3MB	HP8310L16-3HB
HP39HL6-6MV	HP39HL6-6HV	HP95RNL14-10MV	HP95RNL14-10HV	HP8310L16-3MV	HP8310L16-3HV
HP39HL6-10MB	HP39HL6-10HB	HP95RNL18-3MB	HP95RNL18-3HB	HP8310L16-6MB	HP8310L16-6HB
HP39HL6-10MV	HP39HL6-10HV	HP95RNL18-3MV	HP95RNL18-3HV	HP8310L16-6MV	HP8310L16-6HV
HP39HL10-3MB	HP39HL10-3HB	HP95RNL18-6MB	HP95RNL18-6HB	HP8310L16-10MB	HP8310L16-10HB
HP39HL10-3MV	HP39HL10-3HV	HP95RNL18-6MV	HP95RNL18-6HV	HP8310L16-10MV	HP8310L16-10HV
HP39HL10-6MB	HP39HL10-6HB	HP95RNL18-10MB	HP95RNL18-10HB	HP8310L37-3MB	HP8310L37-3HB
HP39HL10-6MV	HP39HL10-6HV	HP95RNL18-10MV	HP95RNL18-10HV	HP8310L37-3MV	HP8310L37-3HV
HP39HL10-10MB	HP39HL10-10HB	HP95RNL36-3MB	HP95RNL36-3HB	HP8310L37-6MB	HP8310L37-6HB
HP39HL10-10MV	HP39HL10-10HV	HP95RNL36-3MV	HP95RNL36-3HV	HP8310L37-6MV	HP8310L37-6HV
HP39HL15-3MB	HP39HL15-3HB	HP95RNL36-6MB	HP95RNL36-6HB	HP8310L37-10MB	HP8310L37-10HB
HP39HL15-3MV	HP39HL15-3HV	HP95RNL36-6MV	HP95RNL36-6HV	HP8310L37-10MV	HP8310L37-10HV
HP39HL15-6MB	HP39HL15-6HB	HP95RNL36-10MB	HP95RNL36-10HB	HP8310L39-3MB	HP8310L39-3HB
HP39HL15-6MV	HP39HL15-6HV	HP95RNL36-10MV	HP95RNL36-10HV	HP8310L39-3MV	HP8310L39-3HV
HP39HL15-10MB	HP39HL15-10HB	HP101L18-3MB	HP101L18-3HB	HP8310L39-6MB	HP8310L39-6HB
HP39HL15-10MV	HP39HL15-10HV	HP101L18-3MV	HP101L18-3HV	HP8310L39-6MV	HP8310L39-6HV
HP39NL6-3MB	HP39NL6-3HB	HP101L18-6MB	HP101L18-6HB	HP8310L39-10MB	HP8310L39-10HB
HP39NL6-3MV	HP39NL6-3HV	HP101L18-6MV	HP101L18-6HV	HP8310L39-10MV	HP8310L39-10HV
HP39NL6-6MB	HP39NL6-6HB	HP101L18-10MB	HP101L18-10HB	HP8314L16-3MB	HP8314L16-3HB
HP39NL6-6MV	HP39NL6-6HV	HP101L18-10MV	HP101L18-10HV	HP8314L16-3MV	HP8314L16-3HV
HP39NL6-10MB	HP39NL6-10HB	HP101L36-3MB	HP101L36-3HB	HP8314L16-6MB	HP8314L16-6HB
HP39NL6-10MV	HP39NL6-10HV	HP101L36-3MV	HP101L36-3HV	HP8314L16-6MV	HP8314L16-6HV
HP39NL10-3MB	HP39NL10-3HB	HP101L36-6MB	HP101L36-6HB	HP8314L16-10MB	HP8314L16-10HB
HP39NL10-3MV	HP39NL10-3HV	HP101L36-6MV	HP101L36-6HV	HP8314L16-10MV	HP8314L16-10HV
HP39NL10-6MB	HP39NL10-6HB	HP101L36-10MB	HP101L36-10HB	HP8314L37-3MB	HP8314L37-3HB
HP39NL10-6MV	HP39NL10-6HV	HP101L36-10MV	HP101L36-10HV	HP8314L37-3MV	HP8314L37-3HV
HP39NL10-10MB	HP39NL10-10HB	HP102L18-3MB	HP102L18-3HB	HP8314L37-6MB	HP8314L37-6HB
HP39NL10-10MV	HP39NL10-10HV	HP102L18-3MV	HP102L18-3HV	HP8314L37-6MV	HP8314L37-6HV
HP39NL15-3MB	HP39NL15-3HB	HP102L18-6MB	HP102L18-6HB	HP8314L37-10MB	HP8314L37-10HB
HP39NL15-3MV	HP39NL15-3HV	HP102L18-6MV	HP102L18-6HV	HP8314L37-10MV	HP8314L37-10HV
HP39NL15-6MB	HP39NL15-6HB	HP102L18-10MB	HP102L18-10HB	HP8314L39-3MB	HP8314L39-3HB
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HP39NL15-10MV	HP39NL15-10HV	HP102L36-3MV	HP102L36-3HV	HP8314L39-6MV	HP8314L39-6HV
HP95RNL14-3MB	HP95RNL14-3HB	HP102L36-6MB	HP102L36-6HB	HP8314L39-10MB	HP8314L39-10HB
HP95RNL14-3MV	HP95RNL14-3HV	HP102L36-6MV	HP102L36-6HV	HP8314L39-10MV	HP8314L39-10HV

If the part number that you require is not listed above please contact your Hy-Pro distributor or the factory.



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