



# Carlson Filtration Distributors' Sales Bulletin

## Sugar Syrup Filtration – Latest Update



Over the last few years, Carlson has introduced a number of innovative developments which have enabled increasing numbers of soft drinks manufacturers to enjoy the benefits of depth filtration.

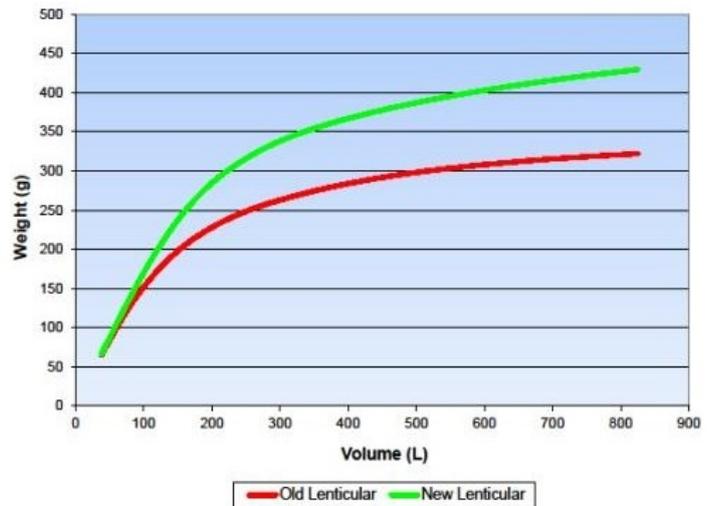
Traditionally, many unrefined sugar syrups have been treated using powdered activated carbon which removes colour and other impurities. A Carlson W2N filter support sheet pre-coated with kieselguhr is used to removed the carbon. An additional polishing filtration step is often needed to produce a bright, clear syrup.

The good news is that for many of these syrups, it is usually possible to achieve finished product colour and clarity requirements in a single step using Carcarb activated carbon impregnated media, eliminating the costly and inconvenient handling of powdered carbon. Following an extensive development programme, Carlson has successfully incorporated activated carbons derived from different original base structures and sources into its Carcarb range, allowing the soft drinks manufacturer to remove colour and varying different impurities from their unrefined syrups.

Carcarb depth filter media are available in flat sheet format for use within a traditional filter press or in the convenient Carlent lenticular module format.

Following the completion of its most recent development programme earlier this year, Carlson announced recently the launch of its all-new CarboPlus lenticular module which enables 25% more activated carbon to be incorporated in an existing industry standard filter housing. CarboPlus presents you with a number of important benefits to sell to soft drinks manufacturers:

Total adsorbed @ 500L / Hr / Module



- ◆ Increased filtration capacity within the module, resulting in lower product losses and less frequent filter changeovers with consequent productivity gains — see graph above.
- ◆ Increased contact time with the carbon.
- ◆ A 25% increase in flow rates without affecting treatment efficiency resulting in higher production rates using the same equipment.
- ◆ The totally enclosed construction of the system is ideal where hygiene and environmental impact are important.

For more specialist information and for copies of Carlson's Soft Drinks Application Brochure or new CarboPlus Brochure, please get in touch with your usual Carlson sales contact or email [sales@carlson.co.uk](mailto:sales@carlson.co.uk).

purity through quality™ since 1923

**CARLSON FILTRATION LTD** BUTTS MILL BARNOLDSWICK LANCASHIRE UNITED KINGDOM BB18 5HP

TEL: +44 (0) 1282 811000 FAX: +44 (0) 1282 811001 WEB: [www.carlson.co.uk](http://www.carlson.co.uk) EMAIL: [sales@carlson.co.uk](mailto:sales@carlson.co.uk)