

# Carlent – CarboPlus

CarboPlus modules, the latest innovation in carbon depth treatment.

## Introduction

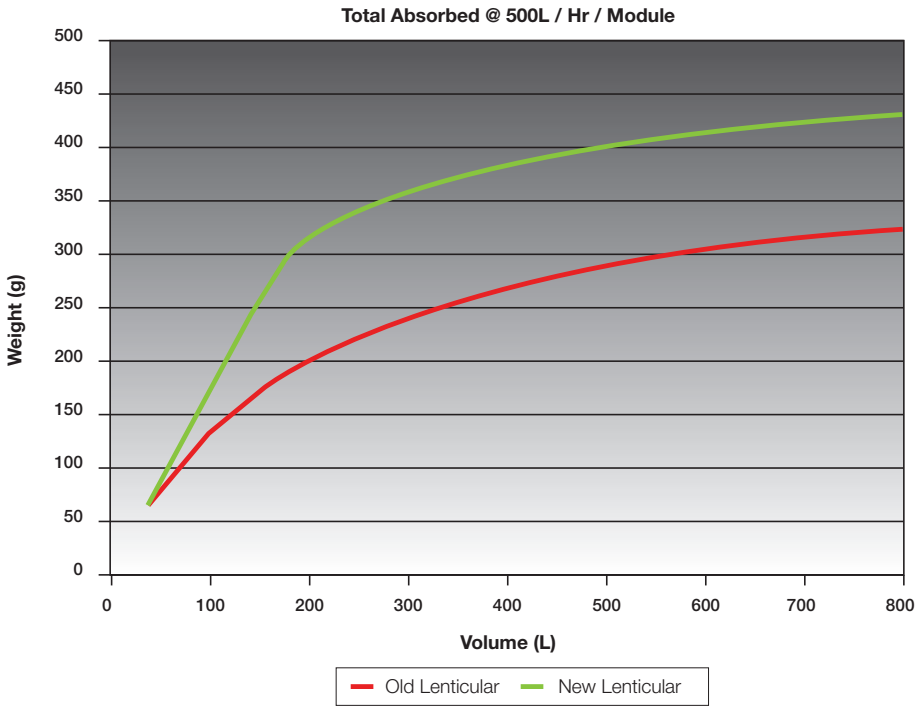
CarboPlus modules, the latest innovation in carbon depth treatment, offers increased carbon weight and increased carbon contact time in comparison to a standard carbon lenticular module. Designed to fit into industry standard housings CarboPlus modules can directly replace standard lenticular modules



## Dimensions

	CarboPlus module	Standard module
Diameter (mm)	400 +/- 3	400 +/- 3
Compressed modules height including 2 flat gaskets (mm)	275 +/- 3	275 +/- 3
Quantity of cells (standard)	10	16
Volume of treatment media (litres)	21.11	16.89
Grade	Weight of available carbon per module (kg)	
ICN	3.5	2.8
PCN	3.5	2.8
MCN	3.5	2.8
QCN	3.5	2.8
ACN	3.5	2.8

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## Benefits

- CarboPlus modules offer 25% more carbon capacity than standard carbon modules
- The flow rate through a CarboPlus module can be increased by 25% without affecting the treatment efficiency
- Offers increased contact time
- The totally enclosed construction of the system is ideal where hygiene is important or the conditions hazardous
- Eliminates the need for loose activated carbon powder or granules, giving more effective carbon use (fewer kg of carbon required)

### Lenticular Module Operating Parameters

Max Operating Temperature	95°C
Max $\Delta$ Pressure	2.5 bar
Max Back $\Delta$ Pressure	0.5 bar

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