

Carbonation Range

All-in-One Carbonation, Filling & Sealing

CF121

Mini Carbo-Fill®



Smallest R&D Carbonator on the Market

- Built-in internal chiller
- Ideal for: Carbonated water post-mix drinks
- Capacity: 30L/hr

CF210

Carbo-Fill®
(24 or 42L tank)



Maximum Flexibility on the Market

- Built-in internal chiller
- Ideal for: Carbonated beverages (pre-mix drinks)
- Capacity: 60L/hr (based on 0.5L PET bottle)

CF211

Carbo-Fill®



Rapid Carbonation & Filling

- Built-in internal chiller & CIP capabilities
- Ideal for: Carbonated beverages (pre-mix drinks)
- Capacity: 60L/hr [1 filling station]

CF212

Carbo-Fill®



Dual Filling Heads Capacity

- Built-in internal chiller & CIP capabilities
- Ideal for: Carbonated beverages (pre-mix drinks)
- Capacity: 80L/hr - 105L/hr [2 filling stations]

CF213

Integrated Can Seamer
Carbo-Fill®



Automatically Closing Your Cans

- Built-in can seamer
- Built-in internal chiller & CIP capabilities
- Ideal for: Carbonated beverages (pre-mix) drinks
- Capacity: 60L/hr [1 filling station]

CF214

Integrated Can Seamer
Carbo-Fill®



Dual Filling Heads Capacity [cans]

- Built-in can seamer
- Built-in internal chiller & CIP capabilities
- Ideal for: Carbonated beverages (pre-mix) drinks
- Capacity: 80L/hr - 105L/hr [2 filling stations]

CF310

Pilot Carbonators



Mixing, Cooling, Carbonating

- Modular built system (1-3 vessels)
- Ideal for: Carbonated beverages (pre-mix) drinks
- Capacity: 20L, 50L, 100L, 200L, 400L



Carbonation Range

All-in-One Carbonation, Filling & Sealing

Closing Devices



Crown Cork
Sealer



Screw Capper



Can Seamer

Packaging Formats



GLASS
Filling & Closing



PET
Filling & Closing



CANS
Filling & Closing

Industrial Filling Sequence

Counter-Pressure Filler

1. Bottle up
2. Flush bottle with CO₂
3. Pressurize bottle
4. Fill
5. Depressurize bottle
6. Close bottle
7. Bottle down



All steps are fully customizable in HMI touch screen.

Compatibility

- CF121 - only filling
- CF210, CF211, CF212, CF213, CF214 filling & closing
- FS205, FS206, FS207, FS208 filling & closing

Standard & Custom-Made Systems



Processes

- Blending
- HTST/UHT
- Homogenizing
- Carbonating
- Filling

Common Products

- SD Still drinks
- CSD Carbonated drinks
- RTD cocktails
- Carbonated Teas

Common uses

- Product Development
- Process Optimization
- New Formulations
- Market Tests

50-100L/h

Blending + HTST/UHT + Homogenizing + Carbonating + In-Container Pasteurization

OMVE Netherlands B.V.
De Meern, The Netherlands
Tel +31 30 241 00 70
sales@omve.com

OMVE Americas Inc.
Milton, Canada
Tel +1 416 986 8442
omve.com

Lab & Pilot Equipment

