

CF211 & CF212 Carbo-Fill®

Carbonates, fills and seals

More features - Greater control



CF211

The CF211 and CF212 are the NEXT Generation Carbonator Fillers with a higher level of hygienic design.

It is designed with a low product vessel and one or two filling heads for high throughput, and has the same configuration as the CF210: integrated cooler, integrated CIP program, usable for both pre-mix and post-mix carbonation, adjustable container sealer and flexible carbon saturation up to 11g/L.

Features

- Integrated cooler
- Cleaning-In-Place (CIP) program, standard with spray nozzle
- Pre-mix & Post-mix drinks carbonation
- Integrated sealers
- CO₂ content up to 11g/L.
- Low vessel for easy accessibility
- Remote assistance*
- extended CIP (with CIP unit)

*optional

Applications

- Water
- Soft drinks
- Beer & Alcoholic drinks
- Juices & Concentrates
- Coffee and Tea

Working Principle

The gas is injected into the product using a special designed injector. This achieves excellent absorption of CO₂ without inducing foam. The product is saturated to the desired level by an automatic pressure and temperature control. Saturation time is approximate 1 liter/minute, after which filling can commence. The entire process is controlled by a PLC (programmable logic controller) which can store up to 50 different operational scenarios giving control over temperature, pressure, fill time etc.









CF212

Carbonation

CF



Standard accessories

					
46 liter tank	Crown cork sealer	Screw cap sealer	Can seamer	PET bottle neck holder	Vacuum pump

Specifications

Process parameters

Max. operational pressure	3 bar [43,5psi]
Cooling temperature (internal)	4-6°C [39-42,5°F] accuracy 0,1°C [°F]
Flow rate (CF211 / CF212)	60L/h / 105L/h
CO ₂ content	Max 11g/L
Cleaning temperature	Max. 80°C [176°C]

Overall dimensions

Standard saturation vessel	46L
L x W x H	176x78x190cm [69,3x30,5x74,8"]
Gross weight	430kg [948lbs]

Required utilities

Electricity	200-240Vac /1ph+N+E /50Hz/ 16A or 200-240Vac /2ph+E /60Hz/16A
Water	2-3bar [29-43psi]
Compressed air	6bar [87psi]
CO ₂ supply / Nitrogen supply (optional)	4-5bar [58-72,5psi]
Drains	needed

Family Equipment

	CF121	CF210	CF211 / CF212	CF213 / CF214	CF310
Carbonates Water	✓	✓	✓	✓	✓
Carbonates Finished drink		✓	✓	✓	✓
Counter pressure filler	✓	✓	✓	✓	
Output* (max.)	30L/h	60L/h	60 / 105L/h	60 / 90L/h	n.a.
Hygienic design	✓	✓	✓	✓	✓
Sterilize system					✓
Integ. can seamer				✓	

*based on filling carbonated water

Why OMVE

- ✓ Since 1993, we have **specialized** in supplying manufacturing R&D and pilot-plant equipment.
- ✓ OMVE is a **preferred supplier** to leading multinationals worldwide.
- ✓ OMVE systems are designed and manufactured according to the **highest industry standards**.
- ✓ OMVE systems come with a **two-year** warranty.
- ✓ OMVE systems carry **CE certification**.
- ✓ OMVE offers the **most comprehensive service** available on the market.