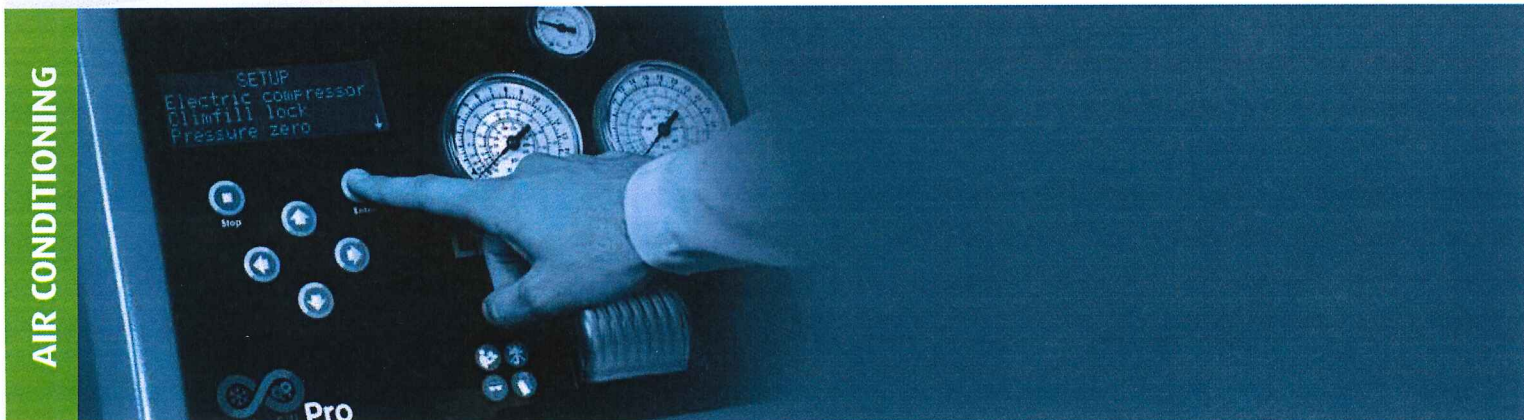


# 1.1 ClimFill®



Designed to propose the best A/C refill services



- Fully **automatic** machines
- **ClimFill® Lock**: eco-patented couplers to improve the recovery time cycle
- Operating for refrigerant **R134A, HFO 1234yf**
- **New digital display** with USB connection
- **Customer traceability**: records of all maintenance operations per vehicle
- **Supercharge, S-Mode and Q-Mode** to ensure the A/C loop charging in all conditions
- **Electric compressor compatibility** for hybrid and electric vehicles
- **Pump Monitoring System (PMS)** for a higher performance and durability
- Spare parts and accessories **available 10 years** from the station's production date
- **Vehicles's data base** update once a year





## The best entry-level solution



### ClimFill® Easy

Ref. 625201

REPLACES 710201

The **ClimFill® Easy** refill station gathers several key advantages for workshops. It automatically manages all operations on the A/C system including recovery, recycling, injection and weighing of the refrigerant and oil. **Light and compact**, this station can also be easily operated at the working area.

**Recommended to:**  
• A/C business newcomers

**TANK CAPACITY** | **7 kg** operating



NEW

### ClimFill® Easy HFO

Ref. 710297

The **ClimFill® Easy HFO** has an important operational tank capacity (6.3kg). It features the ClimFill® Lock coupler that avoids refrigerant gases to be released in the atmosphere when decoupling making the Station and eco responsible money saver. His scale by the gram, is another element that will give the possibility to save the HFO fluid.

**Recommended to:**  
• A/C HFO business new comers

**TANK CAPACITY** | **6.3 kg** operating

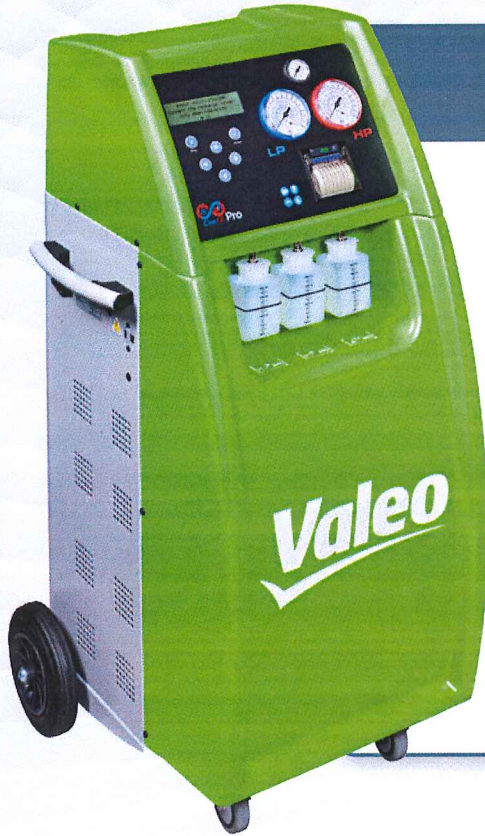
Since January 2013, following the European Union Mobile Air Conditioning (MAC) Directive, all type approvals for vehicles sold in the E.U must include an A/C system running on a refrigerant with a GWP (Global Warning Potential) lower than 150 such as HFO 1234yf. It will help reduce the climate impact of automotive air conditioning.







## The most advanced Valeo refill stations



### ClimFill® Pro

Ref. 625202

REPLACES 710202

The **ClimFill® Pro** displays outstanding and long-lasting charging performances. The ClimFill® Pro also benefits from its **eco-patented couplers** preventing any loss of refrigerant and air from entering the station tank. Additionally, this station **can be converted to the new refrigerant HFO 1234yf using a conversion kit** (Ref. 710217).

#### Recommended to:

- A/C specialist



**TANK CAPACITY** 12.5 kg  
operating



Ref. 625295

REPLACES 710295

### ClimFill® Pro HFO

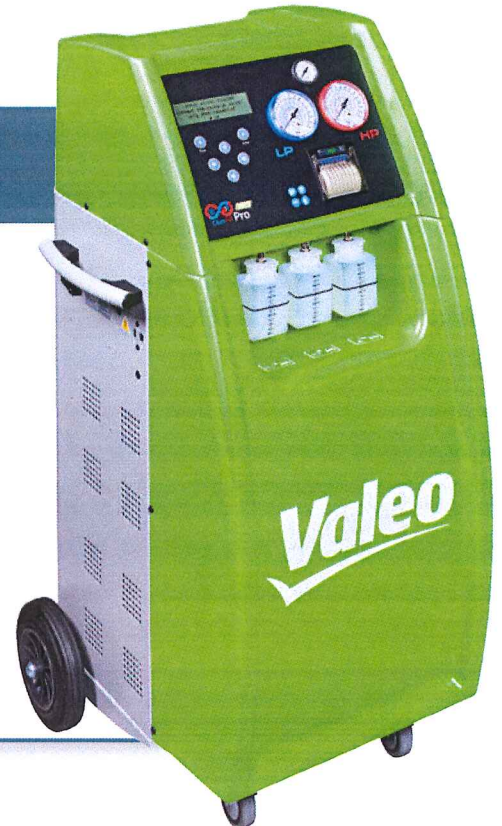
The **ClimFill® Pro HFO** offers similar features to the regular ClimFill® Pro however it is **only used for the new refrigerant HFO 1234yf**.

#### Recommended to:

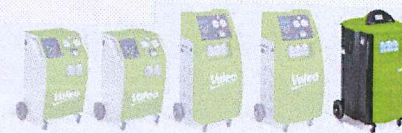
- A/C specialists willing to develop their HFO 1234yf-related business



**TANK CAPACITY** 11.4 kg  
operating







## The best solution for larger A/C systems



### ClimFill® Maxi

Ref. 710203

The **ClimFill® Maxi** refill station is an adapted solution to effectively operate on larger A/C systems in trucks and buses. It offers the adapted operating tank capacity on such A/C systems. The ClimFill® Maxi also features the **eco-patented couplers** and a **LCD touch screen**.

#### Recommended to:

- A/C Trucks and Bus specialists



**TANK CAPACITY** 22.4 kg operating

## Charging Modes

The ClimFill® stations perform in any situation by adapting the appropriate strategy to secure the refrigerant transfer to the car. Valeo entire range is now offering 3 different types of Charging mode adapted to the different conditions.

### > Q-MODE



The Q-Mode (Quick Mode) is the most common charge mode. It's quicker but less accurate than the S-mode. In fact the pre-charge phase (Automatic hose compensation) can be affected by ambient temperature. This mode is launch automatically by the station in normal operating conditions.

### > S-MODE



The **S-Mode (Suction Mode) function is used to charge in severe conditions** (low refrigerant level in the tank for instance or at a low temperature).

It benefits from the A/C loop compressor activation which drains the refrigerant remaining in the hoses. The station extracts the amount needed to refill the A/C system.

### > SUPERCHARGE-MODE



This function was initially used only on ClimFill® MAXI to very large A/C loops, typically buses and coaches.

Now this function is also offered to all Valeo ClimFill® stations.



# ClimFill® Technical Data

	ClimFill® Easy	ClimFill® Easy HFO	ClimFill® Pro	ClimFill® Pro HFO	ClimFill® Maxi
FUNCTIONS	Réf: 625201	Réf: 710297	Réf: 625202	Réf: 625295	Réf: 710203
Refrigerant	R134A	HFO 1234 yf	R134A - convertible HFO 1234 yf	HFO 1234 yf only	R134A
Refrigerant recycling	✓ (with electronic scales)	✓ (with electronic scales)	✓ (with electronic scales)	✓ (with electronic scales)	✓ (with electronic scales)
Automatic refrigerant recovery and injection	✓ (with electronic scales)	✓ (with electronic scales)	✓ (with electronic scales)	✓ (with electronic scales)	✓ (with electronic scales)
Automatic oil weighing, recovery and injection	✓ (with electronic scales)	✓ (with electronic scales)	✓ (with electronic scales)	✓ (with electronic scales)	✓ (with electronic scales)
Automatic UV dye injection	-	-	✓	✓	✓
Manual operating mode	✓	✓	✓	✓	✓
S-Mode	✓	✓	✓	✓	✓
Q-Mode	✓	✓	✓	✓	✓
Automatic hose compensation	✓	✓	✓	✓	✓
SuperCharge Mode	✓	✓	✓	✓	✓
Refrigerant identifier	-	Optional	-	Optional	-
Programmable vacuum	✓	✓	✓	✓	✓
Vacuum leak detection	✓	✓	✓	✓	✓
Nitrogen leak detection	Optional	Optional	Optional	Optional	Optional
Electric compressor compatibility	✓	✓	✓	✓	✓
Air purge system	✓ (semi-auto)	✓ (semi-auto)	✓ (semi-auto)	✓ (semi-auto)	✓ (Automatic)
Tank pressure gauge	✓	✓	✓	✓	✓
Tank scale locking system	-	-	✓	✓	✓
ClimFill® Lock	Optional	✓	✓	✓	✓
ClimFill® Solution	Optional	Optional	Optional	Optional	Optional
A/C performance test	✓	✓	✓	✓	✓
Service monitoring system (for maintenance operations of the station)	✓	✓	✓	✓	✓
Unit auto-diagnosis	✓	✓	✓	✓	✓
SAE J2843 pre-charge test and procedure	✓	✓	✓	✓	✓
Electronic Database (AUTODATA)	✓	✓	✓	✓	✓
Programmable user database	✓	✓	✓	✓	✓
Customer database (search engine by vehicle plate)	✓	✓	✓	✓	✓
Printer	✓	✓	✓	✓	✓



	ClimFill® Easy	ClimFill® Easy HFO	ClimFill® Pro	ClimFill® Pro HFO	ClimFill® Maxi
TECHNICAL SPECIFICATIONS	Réf: 625201	Réf: 710297	Réf: 625202	Réf: 625295	Réf: 710203
Vacuum pump oil replacement interval	With PMS - Up to 1,000 hrs	With PMS - Up to 1,000 hrs	With PMS - Up to 1,000 hrs	With PMS - Up to 1,000 hrs	With PMS - Up to 1,000 hrs
Compressor (cc)	8	8	14	14	14
Ventilated condenser	✓	✓	✓	✓	✓ (Heavy duty)
Max operating pressure (Bar)	20	20	20	20	20
Tank capacity	10 kg full 7 kg operating	9 kg full 6,3 kg operating	18 kg full 12,5 kg operating	16,3 kg full 11,4 kg operating	32 kg full 22 kg operating
Service hoses length (m)	3	3	4,5	4,5	4,5
Service hoses extensions	Optional (4,5 m)	Optional (4,5 m)	Optional (4,5 m)	Optional (4,5 m)	Optional (4,5 m)
Heating belt	-	-	-	-	✓
Tank electronic scale precision	+/- 1 g resolution, +/- 10 g displayed	+/- 1 g resolution, +/- 10 g displayed	+/- 1 g resolution, +/- 10 g displayed	+/- 1 g resolution, +/- 10 g displayed	+/- 1 g resolution, +/- 10 g displayed
Oil bottle capacity (mL)	250	250	250	250	250
UV dye bottle (mL)	-	-	250	250	250
Oil care valve	✓	✓	✓	✓	✓
USB	✓	✓	✓	✓	✓
Display	Matrix LCD Display 260x64	Matrix LCD Display 260x64	Matrix LCD Display 260x64	Matrix LCD Display 260x64	4,3" Graphic tactile colour display
CE & TÜV PED Compliance	✓	✓	✓	✓	✓
Dimension (mm)	620 x 550 x 970	620 x 550 x 970	605 x 580 x 1178	605 x 580 x 1178	652 x 728 x 1198
Weight (kg)	60	60	70	70	135
Power supply	230V 50Hz	230V 50Hz	230V 50Hz	230V 50Hz	230V 50Hz
Operating temperatures (C°)	5° - 45 °	5° - 45 °	5° - 45 °	5° - 45 °	5° - 45 °
Humidity	10 - 90% R.H, not condensing	10 - 90% R.H, not condensing	10 - 90% R.H, not condensing	10 - 90% R.H, not condensing	10 - 90% R.H, not condensing



Valeo refill stations **comply**  
with **current regulations**



Find at [www.valeo-techassist.com](http://www.valeo-techassist.com)

- additional information about the stations' features