

ClimFill Easy



To propose **the best**  
**A/C refill services**

WANT TO  
KNOW MORE?



ClimFill Pro



ClimFill Maxi



valeo added 



Automotive technology, naturally

# ClimFill® Easy

The best entry-level solution



Ref. 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.

# ClimFill® Pro

The most advanced Valeo refill station - HFO 1234yf ready



Ref. 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).

# ClimFill® Pro HFO

For HFO 1234yf



Ref. 710295

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

# ClimFill® Maxi

For Truck & Bus applications



Ref. 710203



The **ClimFill® Maxi** refill station is an adapted solution to effectively operate on larger A/C systems in Trucks & Buses. It offers a **SuperCharge mode** to guarantee a top-quality intervention on such A/C circuits. The ClimFill® Maxi also features the **eco-patented couplers** and a **LCD touch screen**.

ClimFill® Easy

ClimFill® Pro

ClimFill® Pro HFO

ClimFill® Maxi

Functions	Ref. 710201	Ref. 710202	Ref. 710295	Ref. 710203
Refrigerant	R134 a	R134 a - convertible HFO 1234yf	HFO 1234yf only	R134 a
Refrigerant recycling	✓ (with electronic scales)	✓ (with electronic scales)	✓ (with electronic scales)	✓ (with electronic scales)
Automatic refrigerant recovery & injection	✓ (with electronic scales)	✓ (with electronic scales)	✓ (with electronic scales)	✓ (SuperCharge)
Automatic oil weighing, recovery & injection	✓ (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
Electric compressor compatibility	Optional	Optional	Optional	Optional
Air purge system	✓	✓	✓	✓ (Automatic)
Tank pressure gauge	✓	✓	✓	✓
Tank scale locking system	✓	✓	✓	✓
ClimFill® Lock	Optional	✓	✓	✓
ClimFill® Solution	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	✓	✓	✓	✓
Programmable user database	✓	✓	✓	✓
Customer database (search engine by vehicle plate)	✓	✓	✓	✓
Printer	✓	✓	✓	✓
Technical specifications				
Vacuum pump (L/min)	50	100	100	167
Vacuum pump oil replacement interval	With Pump Monitoring System Up to 1,000 hrs	With Pump Monitoring System Up to 1,000 hrs	With Pump Monitoring System Up to 1,000 hrs	With Pump Monitoring System Up to 1,000 hrs
Compressor (cc)	8	14	14	14
Ventilated condenser	✓	✓	✓	✓ (heavy duty)
Max operating pressure (bar)	20	20	20	20
Tank capacity	10 kg full - 7 kg operating	18 kg full - 12.5 kg operating	16.3 kg full - 11.4 kg operating	32 kg full - 22.4 kg operating
Service hoses length (m)	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)
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
Oil bottle capacity (mL)	250	250	250	250
UV dye bottle (mL)	-	250	250	250
Oil care valve	✓	✓	✓	✓
Port RS 232	✓	✓	✓	✓
Display	Alphanumeric (4x20 / high contrast / white on blue)	Alphanumeric (4x20 / high contrast / white on blue)	Alphanumeric (4x20 / high contrast / white on blue)	Graphic (65,536 colours / 480 x 272 touchscreen)
CE & TÜV PED Compliance	✓	✓	✓	✓
Dimension (mm)	620 x 550 x 970	605 x 580 x 1,178	605 x 580 x 1,178	652 x 728 x 1,198
Weight (kg)	60	70	70	135
Supply voltage	230V 50Hz	230V 50Hz	230V 50Hz	230V 50Hz
Operating temperatures (°C)	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



# A complete accessories & consumables offer!



Ref. 710204	UV lamp kit
Ref. 710205	Safety glasses
Ref. 710206	Safety gloves
Ref. 710207	Vacuum pump oil <sup>3</sup>
Ref. 710208	PAG oil ISO 46 (250 mL)
Ref. 710209	PAG oil ISO 100 (250 mL)
Ref. 710210	PAG oil ISO 125 (250 mL)
Ref. 710211	PAG oil ISO 150 (250 mL)
Ref. 710212	POE oil ISO 32 (250 mL)
Ref. 710213	POE oil ISO 68 (250 mL)
Ref. 710214	POE oil ISO 100 (250 mL)
Ref. 710215	Flushing kit
Ref. 710216	Drier filter for flushing kit
Ref. 710217	Conversion kit (R134a > HFO 1234yf)
Ref. 710218	ClimFill® Pro - Drier filter
Ref. 710219	ClimFill® Easy - Drier filter
Ref. 710220	ClimFill® Maxi - Drier filter

Ref. 710221	Service kit
Ref. 710222	ClimFill® Solution <sup>4</sup> - ClimFill® Solution software - Mobile storage device ACU
Ref. 710223	ClimFill® database update (R134a)
Ref. 710224	Electronic thermometer
Ref. 710225	Electric compressor kit (PAG > POE)
Ref. 710226	Nitrogen leak detection kit
Ref. 710227	UV dye (250 mL)
Ref. 710228	Fin straightener
Ref. 710229	Hoses extension kit 4.5 m (LP-HP)
Ref. 710230	Valve core remover
Ref. 710231	Valve core removal tool
Ref. 710232	Universal valve core with magnet
Ref. 710233	Quick coupler for BMW
Ref. 710234	Quick coupler for RENAULT
Ref. 710235	ClimFill® Pro - External refrigerant identifier
Ref. 710236	External flushing kit (R134a & HFO 1234yf)

<sup>1</sup> The **S-Mode** (Suction Mode) benefits from the A/C loop compressor activation which sucks up the refrigerant remaining in the hoses. The station extracts the amount needed to refill the A/C system. In addition, this mode is also used to charge in severe conditions (low refrigerant level in the tank for instance).

<sup>2</sup> 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.

<sup>3</sup> Valeo recommends using the **Pump Monitoring System** (PMS) which consists of running the oil recycling cycle after each period of **60 hours** of operation and changing the vacuum pump oil after each **1,000 hour** period of operation.

<sup>4</sup> **ClimFill® Solution** means you can transfer the service operation history onto your computer and you can quickly upload and install any updates for the software or the database.



# A wide range of **spare parts** to ensure your station will always be operational

Spare parts' availability guaranteed for 10 years from production date

Ref. <b>710238</b>	ClimFill®	Oil in bottle - new oil
Ref. <b>710239</b>	ClimFill®	Oil out bottle - used oil
Ref. <b>710240</b>	ClimFill® Easy	HP service hose (red - 3.5 m)
Ref. <b>710241</b>	ClimFill® Easy	LP service hose (blue - 3.5 m)
Ref. <b>710242</b>	ClimFill® Pro & Maxi	HP service hose (red - 4.5 m)
Ref. <b>710243</b>	ClimFill® Pro & Maxi	LP service hose (blue - 4.5 m)
Ref. <b>710244</b>	ClimFill®	Lock - LP coupler 
Ref. <b>710245</b>	ClimFill®	Lock - HP coupler 
Ref. <b>710246</b>	ClimFill® Easy	LP quick coupler (blue)
Ref. <b>710247</b>	ClimFill® Easy	HP quick coupler (red)
Ref. <b>710248</b>	ClimFill® Easy	LP gauge
Ref. <b>710249</b>	ClimFill® Easy	HP gauge
Ref. <b>710250</b>	ClimFill® Pro	HP gauge
Ref. <b>710251</b>	ClimFill® Pro	LP gauge
Ref. <b>710252</b>	ClimFill® Easy & Pro	Pressure gauge D40
Ref. <b>710253</b>	ClimFill® Easy & Pro	CPU board
Ref. <b>710255</b>	ClimFill®	Washer kit for hoses
Ref. <b>710256</b>	ClimFill® Easy & Maxi	Security valve (20 bar)
Ref. <b>710257</b>	ClimFill® Easy	Security valve (manual)
Ref. <b>710258</b>	ClimFill® Easy	Intake group
Ref. <b>710259</b>	ClimFill® Pro	Intake group
Ref. <b>710260</b>	ClimFill® Easy & Pro	Tank scale
Ref. <b>710261</b>	ClimFill®	Power board
Ref. <b>710262</b>	ClimFill®	Pressure transducer
Ref. <b>710263</b>	ClimFill®	Oil scale
Ref. <b>710264</b>	ClimFill® Pro	Security valve (20 bar)

Ref. <b>710265</b>	ClimFill® Maxi	CPU board
Ref. <b>710266</b>	ClimFill®	Thermal paper roll (x5)
Ref. <b>710267</b>	ClimFill® Easy	Vacuum pump
Ref. <b>710268</b>	ClimFill® Pro	Vacuum pump
Ref. <b>710269</b>	ClimFill® Maxi	Vacuum pump
Ref. <b>710270</b>	ClimFill® Maxi	Intake group
Ref. <b>710273</b>	ClimFill®	Printer
Ref. <b>710274</b>	ClimFill®	Fuses kit
Ref. <b>710275</b>	ClimFill®	Solenoid valve core
Ref. <b>710276</b>	ClimFill®	Check valve
Ref. <b>710277</b>	ClimFill®	HP load tank
Ref. <b>710278</b>	ClimFill® Maxi	Display
Ref. <b>710282</b>	ClimFill®	Main switch (230 V, 10 A) with fuses
Ref. <b>710283</b>	ClimFill® Pro & Maxi	Solenoid valve
Ref. <b>710285</b>	ClimFill® Maxi	Tank scale
Ref. <b>710286</b>	ClimFill® Easy	Front metal
Ref. <b>710287</b>	ClimFill® Easy	Front panel
Ref. <b>710288</b>	ClimFill® Pro	Front panel
Ref. <b>710289</b>	ClimFill® Pro	Front thermoform
Ref. <b>710290</b>	ClimFill® Pro	Top thermoform
Ref. <b>710291</b>	ClimFill® Maxi	Top thermoform
Ref. <b>710292</b>	ClimFill® Maxi	Front thermoform
Ref. <b>710293</b>	ClimFill® Maxi	Rear thermoform
Ref. <b>710294</b>	ClimFill® Pro & Maxi	Fan
Ref. <b>710296</b>	ClimFill®	Heating belt

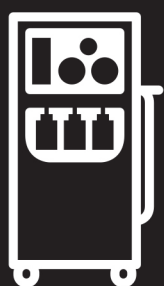
**valeo** added 

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**Valeo**  
Service



# climFill®

To propose **the best A/C refill services**

- Fully automatic machines
- **climFill® Lock:** eco-patented couplers to improve the recovery time cycle  
 The **climFill® Lock System** consists in the combination of **eco-patented couplers** and a **piece of software** that smartly manages the station when decoupling from an A/C loop. It avoids refrigerant release in the atmosphere when decoupling. It also prevents air from entering the hoses and therefore non condensable gas from accessing the station refrigerant tank.  
**TÜV RHEINLAND** has recognized the climFill® Lock system as **unique technology** completely fulfilling the requirements of leak containment caused by hose detachment.
- Increased operational tank capacity given a higher maximum operating pressure
- **S-Mode & Q-Mode** to ensure the A/C loop charging in all conditions
- Electric compressor compatibility for hybrid & electric vehicles
- **Pump Monitoring System (PMS)** for a higher performance and durability
- Oil care valve protecting the oil from air moisture
- Customer traceability: records of all maintenance operations per vehicle

