



# Fives Filling & Sealing Obsolescence and Regulatory Information Bulletin

## Accumulators





## ACCUMULATORS MONITORING AND MAINTENANCE OBLIGATION

**Fives Filling & Sealing** machines integrate accumulators for filling certain fluids (to keep them in liquid phase and have rapid and accurate filling).

These pressure equipment are subjected to the Directive 2014/68/UE for European Union (which can be completed by Local National Decrees)

This Directive requires **periodic** inspections and requalifications.

Beyond this regulatory aspect, **Fives Filling & Sealing** has developed its accumulators to optimize filling processes. Today, we use exclusively use HYDAC SB330 accumulators (red colour, see page 4),

This obsolescence and regulatory information bulletin presents you with the monitoring obligations and possibilities for updating your old accumulator version.



### Operation

OEM Spare Parts  
Remote assistance  
On-site intervention/ Maintenance

### Optimization

Training  
Calibration  
Machine Diagnostic

### Evolution

Tooling Maintenance  
Machine Upgrade  
New Model Adaptation



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# Monitoring and maintenance :

For information, the European Directive, (eventually completed by local decree), requires the operator to :

- **Appoint a competent person** to monitor pressure equipment,
- **Establish an Operating file**, to monitor the equipment,
- **Organize Periodic Inspection** (internal and external – carried out by a competent person),
- **Organize Periodic Requalification\*** (supervised by an authorized organization, including a test at 120% of service pressure).

Fluid	Volume	Inspection	Requalification
HFO – 1234yf (group1) R134 (group 2)	6 & 10 L	3 years	5 years
Other fluids		Contact us	Contact us

## \*Periodic requalification :

- **Accumulator immobilization** for several weeks (requires spare available)
- **High service cost** ( >3500€ without disassembly/ reassembly)



**Solution -> accumulator replacement**



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# Accumulator replacement:



Before 2016, OLAER - EBV 10/40 accumulator « blue model »

2016 to 2020, PARKER - EBV6-40/94 accumulator « black model »



Actual generation, since 2020, HYDAC - SB330 accumulator « red model »

OLAER - EBV 10/40 and PARKER - EBV6-40/94 accumulators (blue and black models) are **no longer manufactured** and must be **replaced by** **HYDAC - SB330 accumulators** (red models), our current **standard**.

Depending on the model in place on your installation, it is necessary to control the dimensions in order to adapt the fixings and connections. Specific kits are available to adapt these accumulators.



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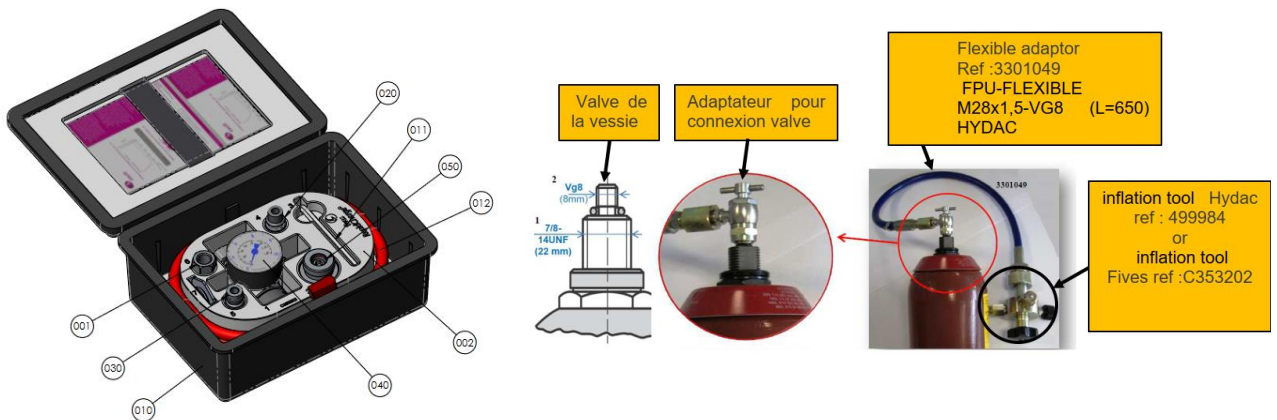
# Accumulator upgrade :

- Accumulator** (6 or 10L)
- + **Flexible** (to inflate accumulator) & **Valves**
- + **Sliding frame** and fixations (depending on model)
- From 2 300€** (according to model and volume)

Accumulator installation requires the **circuit to be drained** ( via charge pump and recovery bottle) as well as **inflation accessories** (case and specific tools shown below).

Consider 1/2 day per accumulator.

## Inflation control case and accessories



**Request additional information and detailed tailor-made pricing for this evolution without delay!**

**CONTACT** 

**Our Customer Service is at your disposal!**