



Activeflush – The controlled way to flush paint systems.

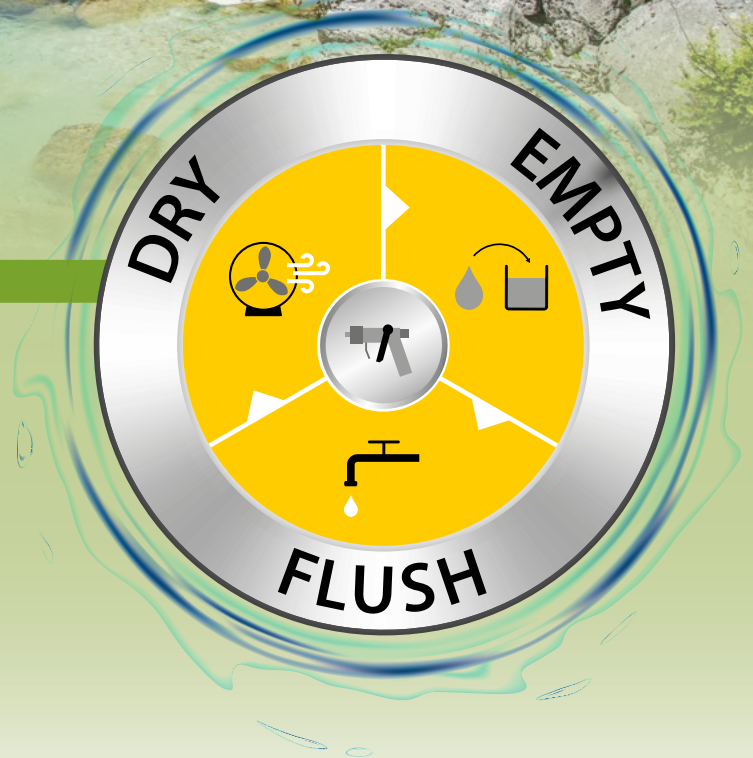
Color changes in painting systems often result in high costs, material waste and unnecessary high flushing fluid consumption. Activeflush restructures this process. The system combines compressed air and flushing fluid in a guided process, thereby reducing material consumption, time and VOC-emissions. At the same time, valuable coating material is recovered and the entire flushing process can be clearly controlled.

Easy handling

Activeflush guides the user step by step through the entire flushing process. There is no need for complex manual processes, moving hoses or handling several containers. The control box structures the process and ensures a clearly comprehensible process for .

Time and cost savings

Activeflush significantly reduces the cost of each color change. The use of compressed air supports the cleaning process and shortens the duration of the flushing process. This reduces both material consumption and working time.



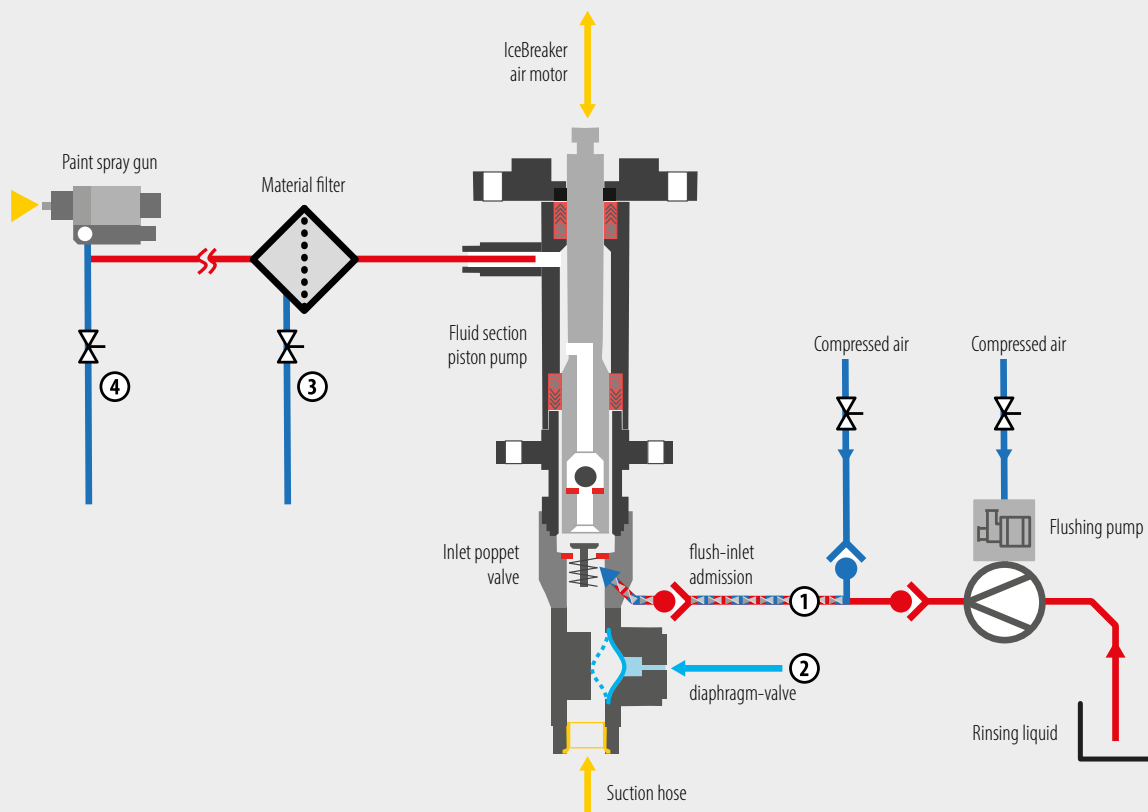
Resource-saving process

Compressed air is used when emptying the system. This allows coating material to be recovered and reused. At the same time, the need for flushing fluid is significantly reduced. This lowers material consumption and reduces CO₂ emissions compared to the conventional flushing procedure.

Unique Activeflush technology

Activeflush significantly reduces the amount of material, time and flushing-fluid required. A structured flushing process and targeted support with compressed air can significantly reduce coating material, flushing fluid and working time per color change. The revised pump inlet design combines a poppet valve, an integrated flushing connection and a diaphragm valve. This design enables efficient emptying of the system and targeted control

of the flushing process. A low-pressure flushing pump supplies flushing fluid, which is mixed with compressed air. This creates a stable flushing flow that supports the cleaning process. The Activeflush control box guides the user step by step through the entire process.



New pump inlet design and Activeflush

▪ Economical:

Large quantities of coating material can initially be fed back into the system by use of compressed air. This significantly reduces material loss.

▪ Powerful:

The process combines flushing fluid with compressed air. In conjunction with an additional low-pressure flushing pump, a stable flushing flow is created, which supports the cleaning process.

▪ Effective:

A poppet valve at the pump inlet reduces dead spaces in the fluid section. This facilitates the complete cleaning of the pump.

▪ Smart:

An integrated flush connection with diaphragm valve controls the direction of the flush flow and supports a clearly structured process.

▪ Controlled:

The Activeflush control unit guides the user step by step through the flushing process and ensures a traceable process.

Activeflush

Compressed air cleaning system

Activeflush control unit – step-by-step instructions

Compared to conventional flushing, Activeflush significantly reduces the flushing effort. Instead of 25 working steps, only six steps are required to empty, flush and dry the system. The pump is simply switched off to start the flushing process. No further settings are required. During the process, only the spray gun and filter valve are operated in the intended sequence. Manual cleaning steps are no longer necessary. The entire process is structured via the Activeflush control unit.



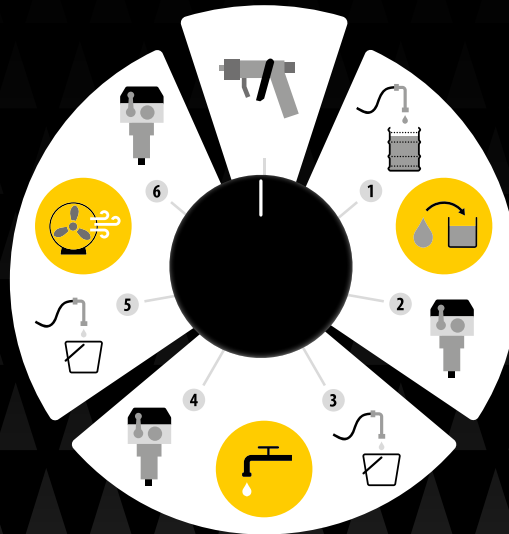
Step 6 : Drying the pump

- Compressed air only (spray nozzle removed)
- Flushing liquid is returned
- Diaphragm valve closed, pump runs slowly
- Dry the pump via the filter (small circulation)
- Empty the product hoses via the spray gun

Drying

Step 5 : Drying the suction hose

- Compressed air only
- Recirculation of the flushing fluid
- Pinch valve open
- Suction hose in the waste container



Step 1 : Empty the suction hose

- Compressed air only
- Recovery of coating material
- Diaphragm valve open
- Suction hose above the liquid level in the container

Empty

Step 2 : Emptying Pump

- Compressed air only (spray nozzle removed), no flushing fluid
- Recovery of coating material
- Diaphragm valve closed, pump runs slowly
- 1. Empty the pump via the filter
- 2. Empty the material hose via the spray gun

Step 4 : Flushing the pump

- Compressed air and flushing fluid (spray nozzle removed)
- Diaphragm valve closed, pump runs slowly
- Circulation and spray gun in the collection container
- 1. Flush the filter circulation
- 2. Rinse the material hose and spray gun

Flushing

Step 3 : Rinsing the suction hose

- Compressed air and flushing fluid (spray nozzle removed)
- Diaphragm valve open
- Suction hose in the collection container

Comparison of conventional flushing and Activeflush

Per color change	Conventional rinsing	Activeflush
Rinsing steps	25	6
Emptying the system	with rinsing liquid	with compressed air
Quantity of flushing liquid	100 %	20 - 30 %
Material recovery	approx. 40 %	60 - 70 %
Time required	approx. 15 min	approx. 5 min
Costs per flush	50 - 80 €	20 - 30 €
Waste rinsing liquid	approx. 6.2 l	approx. 1.4 l
Waste material	approx. 0.6 l	approx. 0.2 l
CO ₂ -consumption/flushing	15 kg	4 kg

Certifications





Example configuration:
Mobile WAGNER Leopard pump set
with Activeflush extension.

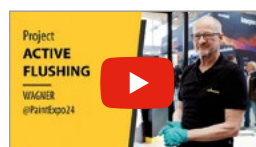
Clean systems. Controlled processes. Resource-saving operation.

A structured rinsing process reduces material loss, detergent consumption and the time required for each color change. ActiveFlush combines compressed air and flushing technology into a clearly guided process and supports clean, controlled cleaning of pumps and painting systems.

go.wagner-group.com/activeflush



Configure your individual solution:
With the WAGNER configurator on
<https://wagner365.com>



Activeflush product video on YouTube
<https://www.youtube.com/watch?v=ySIBMkLq914>

