

# evoAFS

advanced antifreeze  
system for monoblock  
heat pumps



## Why should you choose evoAFS system?



### antifreeze protection

automatic activation of the bypass/  
circulation pump in case of critical  
water temperature (below 4°C)



### summer mode & anti-blockage

daily pump activation to prevent  
rotor seizure



### self-diagnosis

detection of alarm conditions such as  
overloads, sensor failures, or battery  
discharge



### internet compatibility

full control and monitoring of  
operating parameters via the  
ecoNET Cloud platform and mobile  
applications



### energy efficiency

operation adjustment based on  
external temperature, ensuring  
extended operating time in  
emergency mode



## about the AFS system

evoAFS is a modern antifreeze protection system designed specifically for monoblock heat pumps. It guarantees the safety of the system, even in the event of a power outage, failure, or flow errors.



### evoAFS system

- up to 48 hours of operation on battery power
- quiet operation - bypass pump noise level below 35 dB
- easy installation - compact module dimensions (248 x 196 x 96 mm) and universal mounting kit
- user safety – complies with the WEEE Directive 2012/19/EU and component recycling

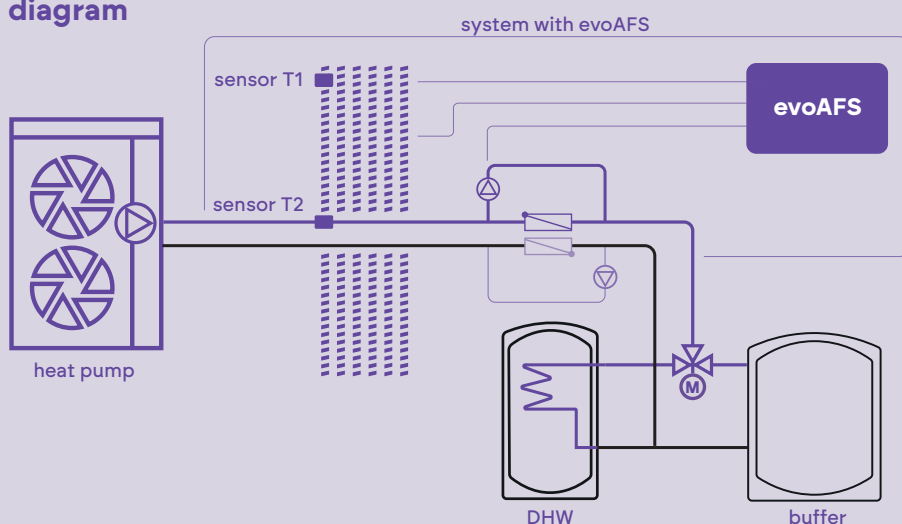
### modern online service

Thanks to integration with the xCLOUD module, evoAFS offers remote monitoring and configuration through the ecoNET Cloud app, available for Android and iOS systems.

### trust a proven solution

evoAFS is not just antifreeze protection; it also guarantees peace of mind and safety for heat pump systems. Ideal for HVAC installers and heat pump owners.

### hydraulic diagram



When designing the hydraulic system, we must ensure the possibility of flow regardless of the position of the zone valve in the event of a power outage. Therefore, in systems with a buffer connected in series or without it, we can ensure heat extraction, for example, from short underfloor heating loops controlled by a valve actuator, or create a bypass to the DHW tank with a normally open solenoid valve, which will open after a power failure.

### technical data

- operating temperature range: from -20°C to +60°C
- battery capacity: 18 Ah
- maximum bypass pump flow: 800 l/h
- maximum head height: 5 m

### complete set includes

- controller, battery, power supply
- circulation/ bypass pump with mounting kit
- two CT10 temperature sensors, 3 meters long each

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