



# flamco

## VacuStream

degasser for low  
temperature systems



that's excellence.

# VacuStream

## Compact degasser to prevent corrosion, contamination and failure

More and more homes are being made more sustainable by equipping them with low-temperature heating through underfloor heating, whether or not combined with a heat pump. The return on these sustainable investments is partly lost because gases in the system impede optimal performance. Contamination of low-temperature systems, for example through biofilm and corrosion, is a stealthy and cumulative process.

### VacuStream: degassing low temperature systems

The presence of air bubbles makes low-temperature systems susceptible to corrosion, biofilm and clogging. Heating up takes longer, cold zones develop, and the system may even fail. Flushing has so far been the only (temporary) remedy, but prevention is better, cheaper and more sustainable than cure. The VacuStream is a compact and quiet degasser for systems with a capacity of up to 500 litres. Due in part to its size and degassing capacity, the VacuStream is ideally suited for smaller low-temperature systems in residential and small business applications.



### Advantages and features

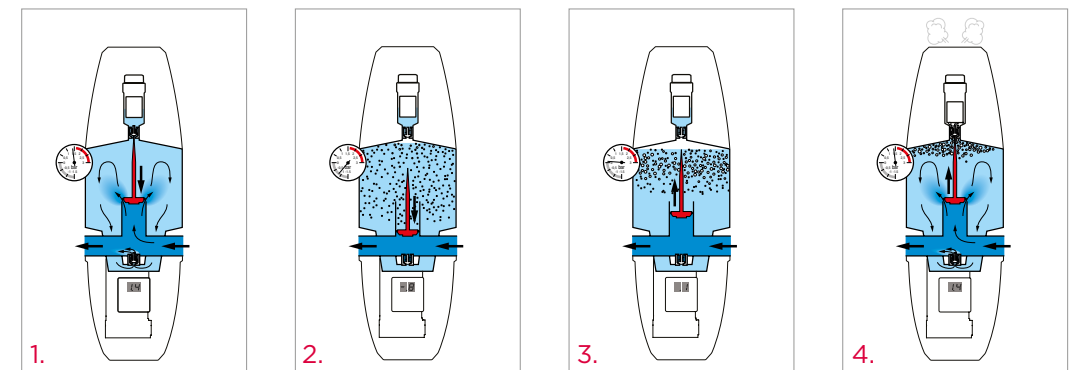
- For low-temperature systems up to 500 litres in residential and small business buildings, for example
- A requirement for a properly functioning heat pump system
- Suitable for heating and cooling
- No predefined flow direction of the installation. This prevents installation errors.
- For new construction and renovation
- Quiet and highly effective
- Compact: fits in underfloor heating manifold cabinet
- 5-year warranty \*
- Saves up to 15% energy!

\* See the Terms and Conditions on the Flamco website.



### Operating principle

The VacuStream degasses system water on a fixed 4-step cycle, creating a vacuum with the system water to be degassed. The air particles released in the process float to the top and, once the piston returns to its original position, are quickly and effectively discharged via the Flexvent automatic float vent at the top.



### Technical Information

System volume (max.)	500 litres
Energy consumption	8,5 kWh / year
Maximum working pressure/peak	3 / 6 bar
Temperature min / max.	-5 / 65 ° C
Kv value *	12.7 m <sup>3</sup> / hour
Max. noise level	< 42 dB
Glycol max.	50 %
Controller	2 digits
Power supply	12V/230V
Weight	4 kg

\*  $Kv = Q / \sqrt{\Delta P}$  Q: Throughput [m<sup>3</sup>/h] ΔP: Pressure drop over the product (1 bar) Flow factor Kv: Flow rate [m<sup>3</sup>/h] that results in a pressure drop of 1 bar across the product. This differs from the product's maximum allowable throughput.

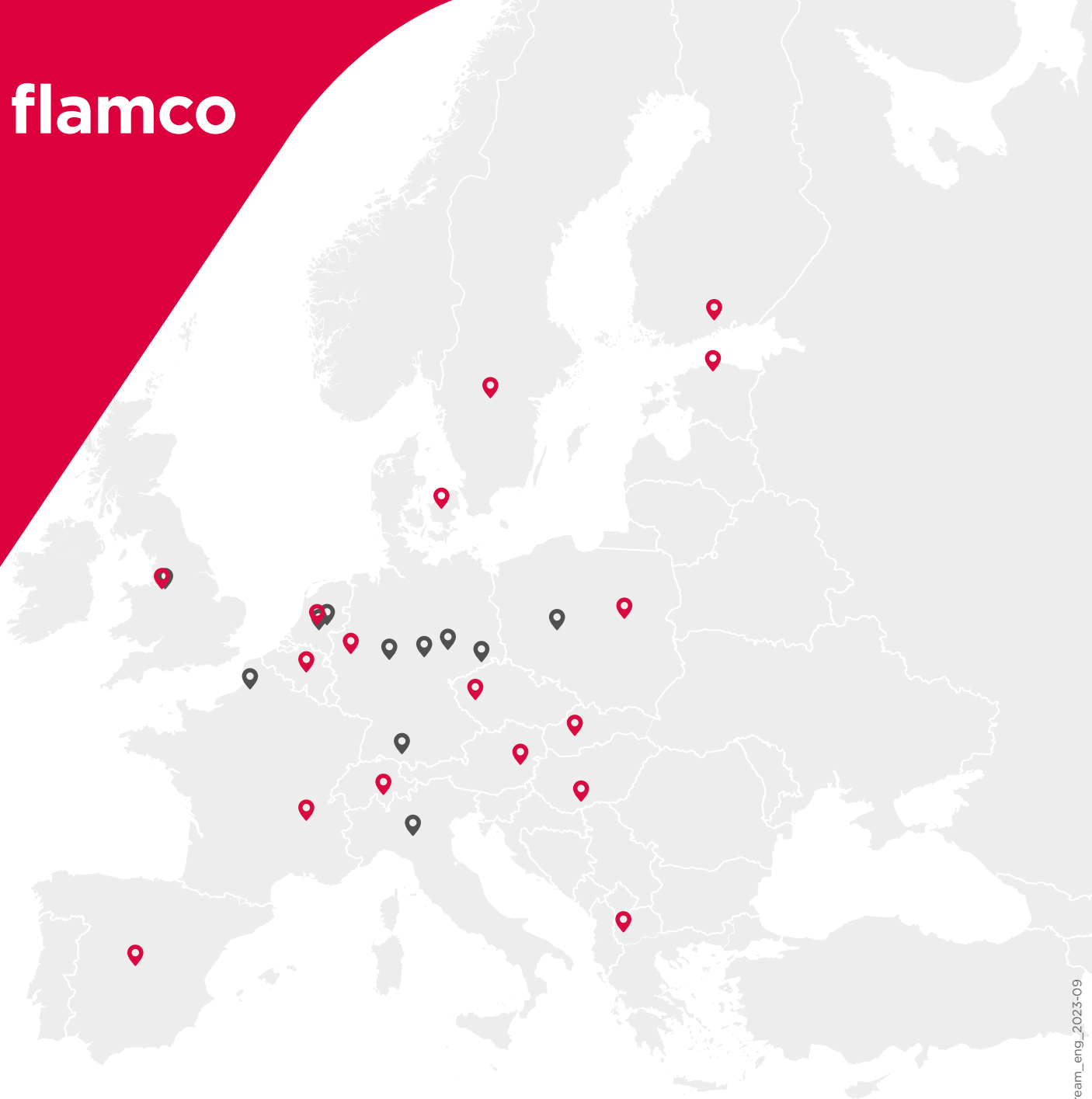


With an adapter fitting DN 20 x G1" M, VacuStream is also suitable for DN 20.

Type	Art.No.
VacuStream	17050

[More info?](#)





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 Competence & Production Locations

 Sales locations

## Aalberts hydronic flow control

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