More efficiency, less energy consumption

XStream
Air and Dirt Separators

The Smart Innovation for Heating Installations. With Extreme Effect.

• With a unique ECO / MAX mode
• Easy to install
• Prolongs the life of the system by reducing wear and tear
• Minimal heat loss through integrated insulation
• Reduces energy consumption by 15% through improved system performance
Our mission:
Offering landlords and developers added value by reducing energy consumption and improving system performance.

A big step forward
The removal of air and dirt is essential for a good and efficient heating system. Our new generation of air and dirt separators is a large step forward. The Flamco XStream significantly prolongs the life of your heating system through a guaranteed reduction in energy consumption and class leading efficiency.

The Flamco XStream Effect:
1. Up to 15% less energy consumption of the heating system*
2. Automatic venting: additional comfort for users
3. Less wear and less chance of break-down
4. Up to 6% more efficiency of the heating system*
5. ECO/MAX mode
   Optimal capture of air and dirt

The New Standard
“Technology, quality and innovation are in our DNA. As a result, we are able to provide our customers with products and services that contribute positively to energy saving, comfort, system reliability and optimum ease of use and installation.

With the introduction of the Flamco XStream, we set the new standard in the field of air and dirt separation. Flamco XStream Air and Dirt separators ensure lower energy consumption, less wear and tear, fewer breakdowns, a longer lifespan and thus a higher efficiency of heating installations.

With this we jointly contribute to a sustainable future.”

Maarten van de Veen
Flamco CEO

Flamco XStream Vent
Air Separator
More comfort, more efficiency
The Flamco XStream Vent ensures that air in the installation is separated quickly and efficiently. The result: more comfort, less corrosion, less noise and more efficiency of the heating system.

Flamco XStream Clean
Dirt Separator
Less wear, less maintenance
The Flamco XStream Clean ensures optimal separation of dirt and magnetite. The result: less heat losses, less wear, less maintenance and a heating system that lasts longer.

Flamco XStream Vent-Clean
Air and dirt separator
An effective combination
In installations where space is a premium the Flamco XStream Vent-Clean is the ideal solution.

* Calculated according to the Hysopt method in a system with a gas boiler and manually operated radiator valves.
ECO mode
In the ECO mode a part of the system water (partial flow) is led through the Flamco XStream. This position has a low resistance and pressure drop. The advantage of this is that the pump has to work less in the installation. Air, dirt and magnetite are captured in this position in an effective and energy-efficient way.

MAX mode
The MAX mode is used primarily during system start-up. In this position all the system water is led through the Flamco XStream. The advantage of this is that air, dirt and magnetite are captured extremely quickly. This allows the installation to quickly run at a comfortable and energy-efficient level.

Integrated Insulation Prevents Heat Losses
Heat losses should be limited as much as possible in an installation. Heat that is lost through pipes and appendages is not used to heat rooms. This is wasted energy. It also means that the central heating boiler has to work unnecessarily hard. The XStream is supplied with an integral insulation jacket which ensures heat losses are kept to a minimum. This reduces heat losses to a minimum.

Installation 100% easy
Flamco XStream is equipped with a 360 degree rotating connection. This makes it possible to install in horizontal, vertical and diagonal lines. In doing so, no account needs to be taken of the flow direction of the installation. This prevents installation errors.

Innovation in Separation Technique
Thanks to the service indicator, there is no need for service stickers any more
The integrated service indicator indicates when the Flamco XStream Clean was last flushed. With the Flamco XStream Vent, the service indicator indicates when the system was last vented in the MAX mode. Thanks to service indicator, there is no need for external service indicators.

Smart magnet function
Thanks to the powerful internal magnet, the Flamco XStream Clean and the Vent-Clean are efficient at the removal of magnetite from the system. The magnet in the Flamco XStream is designed to create an optimal magnetic field which captures even the smallest magnetic particles.
Flamco XStream delivers the best performance in the field of air, dirt and magnetite separation. This makes the Flamco XStream an essential component for an efficient heating system.

**Optimum Efficiency: The Result Counts!**

With air and dirt, the Flamco XStream in Eco mode has a faster and better collection rate compared to competing air & dirt separators.

Measuring method verified by Deltares (protocol 127594-01E).
Size 2" = 50 mm, 600 gram silica particles (size > 40-70 μm),
100 gram magnetite (size < 10-40 μm).

---

**Collection efficiency dirt and air (micro bubbles)**

**Flamco XStream**

**Other Air & Dirt Separations**

---

**Optimum Efficiency:**

With air and dirt, the Flamco XStream delivers the best performance in the field of air, dirt and magnetite separation. This makes the Flamco XStream an essential component for an efficient heating system.

---

**15-Year Warranty**

The Flamco brand is synonymous with the production of high quality products. This quality can be seen everywhere and therefore we give a 15-year guarantee on Flamco XStream.

---

**Flamco and Aalberts:**

**Leading Technology**

Flamco is part of Aalberts, a worldwide specialist in the field of high-quality industrial products and processes. The products manufactured by Aalberts companies can be found in the automotive, process and the HVAC industry.

---

**'Life cycle management' of building, home and installation**

Flamco is involved in every phase in the life cycle of a building. During the planning phase, we deliver the required product data, such as BIM models, calculations and drawings. To simplify the work during new construction or renovation, we deliver pre-assembled products directly to the construction site. Our technical specialists are available for training, commissioning, service and maintenance.

---

**SCHEDULE**

- Specifications
- Drawings
- Product selection
- Engineering
- Calculation of energy consumption
- Modeling

**RENOVATION**

- Collecting / Compiling
- Logistics
- Pre-assembly
- Prefabrication
- Direct delivery

**CONSTRUCTION**

- Collecting / Compiling
- Logistics
- Pre-assembly
- Prefabrication

**USE & MAINTENANCE**

- Service
- (Predictable) maintenance
- To guard
- Measuring

**DEMOLITION**

---

---

---

---

---

---
We supply products for heating systems to installation companies in more than 70 countries. We use a network of subsidiaries and wholesalers who are familiar with the local market and can therefore always provide you with expert advice.

**Flamco XStream**

*The Smart Innovation for your Heating Installation. With Extreme Effect.*

[www.flamcogroup.com/xstream](http://www.flamcogroup.com/xstream)