

EVOSTA

Simply reliable.

The circulator line designed for all applications and developed to combine reliability, energy saving and excellent performance.





Evosta Reliability

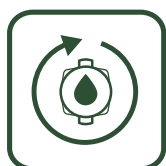
Total safety and peace of mind,
from manufacture to use.



Poka-Yoke: error proof

For Evosta, we designed and implemented a so-called 'Poka-yoke' (*error-proof*) production line.

The Japanese name of this industry standard refers to a process that eliminates 'yokeru' (*errors*) and ensures the correct execution of the work: zero defects, and zero risk.



Minimal seizure risk,
even after extended downtime.

Thanks to its new anti-lock technology, Evosta counteracts potential motor seizures caused by limescale in the water: malfunctions are reduced to a minimum, ensuring smooth, continuous operation over time. Even after extended downtime, Evosta is ready to go.

Evosta Circulators

Simply reliable

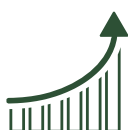
Evosta range

History, know-how and DAB technology in a range of circulation pumps incorporating future-facing design in the pursuit of efficiency.



SUPER STRONG

The IPX5 waterproof rating and water-softening cartridge make the range reliable and long lasting.



HIGH ON PERFORMANCE, LOW ON CONSUMPTION

Evosta units are high-performance products optimized for energy efficiency.



FRIENDLY TECH

For zero-defect production, maximum safety, and total peace of mind.



EVOSTA 3

Performance and reliability

Evosta 3 is the circulator to meet the needs of even the most specialised and complex markets. Easy to use, electronic, and energy-efficient, it can be used in the most modern, high-tech HVAC systems. It is small, quick to install, and is ideal as a replacement for other makes thanks to its plug&play connector.



EVOSTA 2

The circulator tailored to your needs

The wet rotor electronic circulator that combines rugged mechanics, next-level electronics and low energy consumption.

It's designed for every season, demand and application: it delivers excellent performance along with ease of use and maintenance in heating and air-conditioning systems.

Applications



HEATING



AIR CONDITIONING

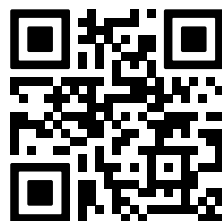


SOLAR

When you need a replacement



The Evosta range is perfect if you need replacements because it is smaller than comparable models. What's more, Evosta 3 is compatible with connectors from other brands, making installation as easy as can be – no need to redo any wiring!



What to do

Easy; just take note of which brand you are removing, and use DAB's replacement tool.



EVOSTA 3

The smart circulator that combines comfort and performance

Smart. Hi-tech. Comfortable.

Evosta 3 is the circulation pump that adapts effortlessly to the needs of the most complex and technologically advanced systems, offering top-quality performance. Small size, build quality and materials, and innovative technology make it a reliable product that is easy to install and maintain.

Applications

For domestic and residential settings



HEATING



AIR CONDITIONING

Smart energy savings



The inverter improves the energy performance of the Evosta 3, bringing the EEI index to ≤ 0.19 – even lower than previous models.

Less costs and more peace of mind



With Evosta 3 you can save on resources and on your energy bills. The inverter only draws the power it needs based on the water demand. In addition, the insulating shells ensure peace of mind, preventing condensation when the installation environment is hot and humid.

Ideal for replacements



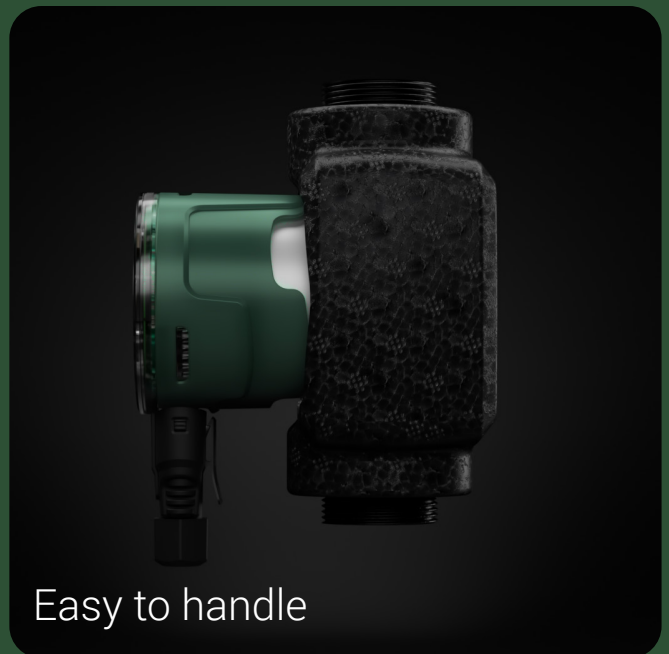
Even replacing a circulator becomes effortless: Evosta 3 can be powered using connectors from other brands, without having to redo wiring. Quick and easy, even for those more awkward replacement jobs.

Safety and flexibility



100% waterproof

How do you make sure you keep faults to a minimum? The IPX5 protection rating prevents water from reaching mechanical and electronic parts, extending the pump's service life and reducing the need for maintenance.



Easy to handle

At DAB, innovation extends to ergonomics: to make it easier to work in awkward spaces, Evosta 3 has been greatly reduced in size compared to its competitors.



Bleed valve

With Evosta 3, maintenance is easier and so is the work. The bleeding plug is essential to allow air to escape during initial start-up or after maintenance. The plug can be removed to allow immediate and easy access to the shaft in the event of rotor seizure.



With water-softening system

The water-softening system keeps the motor shaft in tip-top condition, preventing the everyday problem of scale forming, which is usually the result of residual air and high water hardness.



EVOSTA 2

Rugged mechanics, next-level technology

Rugged, hi-tech and energy efficient

Designed for every season, demand and application, Evosta 2 offers high standards of reliability, comfort and optimal performance along with ease of use and maintenance. A single model covering the full performance range of DAB circulators or other brands – just change settings at the touch of a button. No complicated settings, just your finger.

Applications

For domestic and residential settings. When it's hot, and when it's cold



HEATING



AIR CONDITIONING



Design and energy saving

Everything in Evosta is designed with energy saving in mind. The inverter optimizes energy performance, dropping the EEI rating to less than 0.18: even lower than the previous models.



Only simplicity. Only one button

Evosta 2 has a single button for setting operating parameters, making setup very straightforward. With its small connector, plugging the unit in is quick and easy, even in the most awkward installation situations.



Less costs, more peace of mind

The inverter only draws the power it needs based on the water demand.



A version for every need

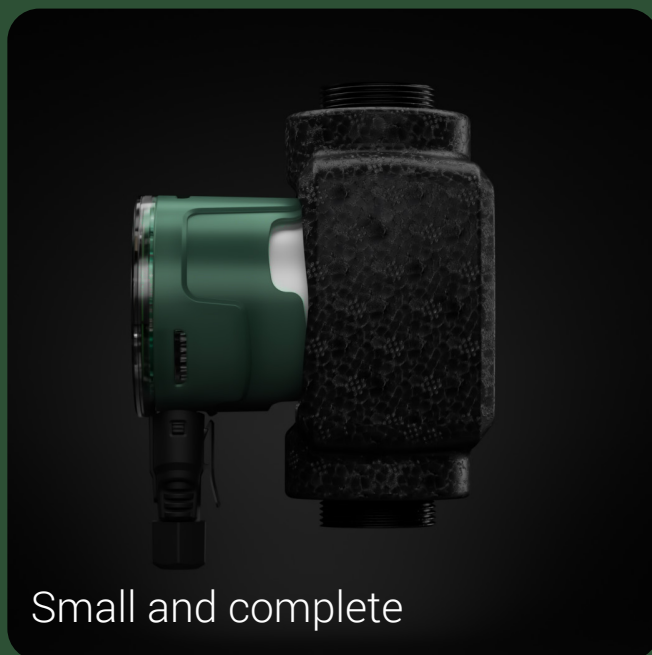
Evosta 2 SAN has been designed specifically for use in recirculating domestic hot water, while Evosta 2 SOL has been designed for solar panel systems.

Safety and flexibility



100% waterproof

How do you make sure you keep faults to a minimum? The IPX5 protection rating prevents water from reaching mechanical and electronic parts, extending the pump's service life and reducing the need for maintenance.



Small and complete

At DAB, innovation extends to ergonomics: to make it easier to work in awkward spaces, Evosta 2 has been greatly reduced in size compared to its competitors. And a single model covers the required performance range up to 7 metres.



With water-softening system

The water-softening system keeps the motor shaft in tip-top condition, preventing the everyday problem of scale forming, which is usually the result of residual air and high water hardness.



Bleed valve

With Evosta 3, maintenance is easier and so is the work. The bleeding plug is essential to allow air to escape during initial start-up or after maintenance. The plug can be removed to allow immediate and easy access to the shaft in the event of rotor seizure.



EVOSTA 3



EVOSTA 2



**EVOSTA 2
SAN**

**Technical
Data**

| | | | |
|---------------------------------|---|---|--|
| OPERATING RANGE | 0.4 - 4.2 m ³ /h with head up to 8 metres | 0.4 - 3.6 m ³ /h with head up to 6.9 metres | 0.4 - 4.2 m ³ /h with head up to 8 metres |
| LIQUID TEMPERATURE RANGE | from -10°C to +110°C | from -10°C to +110°C | from -10°C to +110°C |
| WORKING PRESSURE | 10 bar (1000 kPa) | 10 bar (1000 kPa) | 10 bar (1000 kPa) |
| DEGREE OF PROTECTION | IPX5 | IPX5 | IPX5 |
| INSULATION CLASS | F | F | F |
| INSTALLATION | with horizontal motor axis | with horizontal motor axis | with horizontal motor axis |
| STANDARD POWER INPUT | single-phase 1x230 V ~50/60 Hz | single-phase 1x230 V ~50/60 Hz | single-phase 1x230 V ~50/60 Hz |
| PUMPED LIQUID | Clean, free of solids and mineral oils, non-viscous, chemically neutral, with properties similar to water (glycol max. 50%) | Clean, free of solids and mineral oils, non-viscous, chemically neutral, with properties similar to water (glycol max. 50%) | Clean, free of solids and mineral oils, non-viscous, chemically neutral, with properties similar to water |

Technical Data



EVOSTA 2
SAN V/R



EVOSTA 2
SOL

| | | |
|---------------------------------|---|---|
| OPERATING RANGE | 0 - 0.6 m ³ /h with head up to 1.1 metres | 0 - 3.5 m ³ /h with head up to 14.5 metres |
| LIQUID TEMPERATURE RANGE | from +2°C to +75°C | -10 °C to +110 °C (up to 130 °C for short periods) |
| WORKING PRESSURE | 10 bar (1000 kPa) | 10 bar (1000 kPa) |
| DEGREE OF PROTECTION | IP42 | IP X4 |
| INSULATION CLASS | II | F |
| INSTALLATION | with horizontal motor axis | with horizontal motor axis |
| STANDARD POWER INPUT | single-phase 1x115-230 V~50/60 Hz | single-phase 1x230 V~50/60 Hz |
| PUMPED LIQUID | Clean, free of solids and mineral oils, non-viscous, chemically neutral, with properties similar to water | Clean, free of solids and mineral oils, non-viscous, chemically neutral, with properties similar to water (glycol max. 50%) |



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