

Dachs SE

The micro-CHP solution for heating, hot water and electricity

High-quality provider for all your needs

Dachs SE is the energy all-rounder for supplying all your heating, electricity and hot water. Its output and functionality make it ideal as an energy source for both spacious detached houses and properties with a large heating and hot water demand such as apartment buildings, administrative and office blocks or commercial buildings.

Modular add-ons possible

Where heating demand is higher, e.g. commercial use or larger apartment buildings, the system can also be combined with another Dachs module or with an external peak load boiler.

Smart control

The system controller provides simple and intelligent control of the Dachs SE. It is designed for complete control of the heating plant, including all DHW preparation and heating circuit control components. What's more, the control can be easily configured using a 4-digit hydraulic code.





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Modular supply of heat

- Integration in any existing heating system
- Universal use thanks to modular add-ons
- Prepared connections for DHW and heating circuits on the buffer vessel
- Connected using plug & play

System controller for convenient control and monitoring

- Intuitive operating concept
- Simple set-up of the hydraulic configuration using hydraulic codes
- Rapid coding using permanently pre-programmed hydraulic circuit diagrams
- Operating data can be transferred by a modem connection, e.g. Ethernet

System benefits for consultants and installers

- Little time needed for designing, assembly and commissioning
- Perfectly matched system components with clearly defined interfaces for hydraulics and exhaust gas management provide peace of mind during designing and assembly
- Convenient setting of controller functions on site using laptop and service software via infrared interface on controller
- Remote monitoring and configuration to optimise after sales support

More benefits and better service for end-users

- Energy source for electricity, heat and hot water
- The thermal output can be adapted to increased thermal demand at any time using an additional heating appliance
- The Dachs operator portal (Internet) provides online access and scope for adjusting the heating parameters
- The Dachs operator portal provides convenient graphic overviews of heat and electricity generation

Technical data Dachs SE

Dachs

| | |
|----------------------|-----------------------------------|
| Electric output: | 5.0 – 5.5 kW ¹⁾ |
| Thermal output: | 11.7 – 14.8 kW ¹⁾ |
| Fuel ²⁾ : | Natural gas, LPG Fuel oil, RME |

Buffer vessel SE 750

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|---------------------|-------------------------------------------------------------------------------------|
| Capacity: | 750 l |
| Dimensions: | without (with) insulation |
| Diameter: | 750 (950) mm |
| Height: | 1760 (1920) mm |
| Room height needed: | 2000 mm |
| Connections: | Immersion heater, heating circuits, DHW preparation and additional peak load boiler |

Hot water module SE 30

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|------------------------------------------------|-----------------------------------------------------------------|
| Hot water generation: | Plate heat exchanger made from stainless steel with circulation |
| Rated thermal output: | approx. 70 kW |
| Domestic hot water tap output: (approx. 45 °C) | 30 l/min |

¹⁾ Depending on fuel type

Subject to technical modifications and errors

²⁾ Not available in all countries. Please contact SenerTec for more information



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