

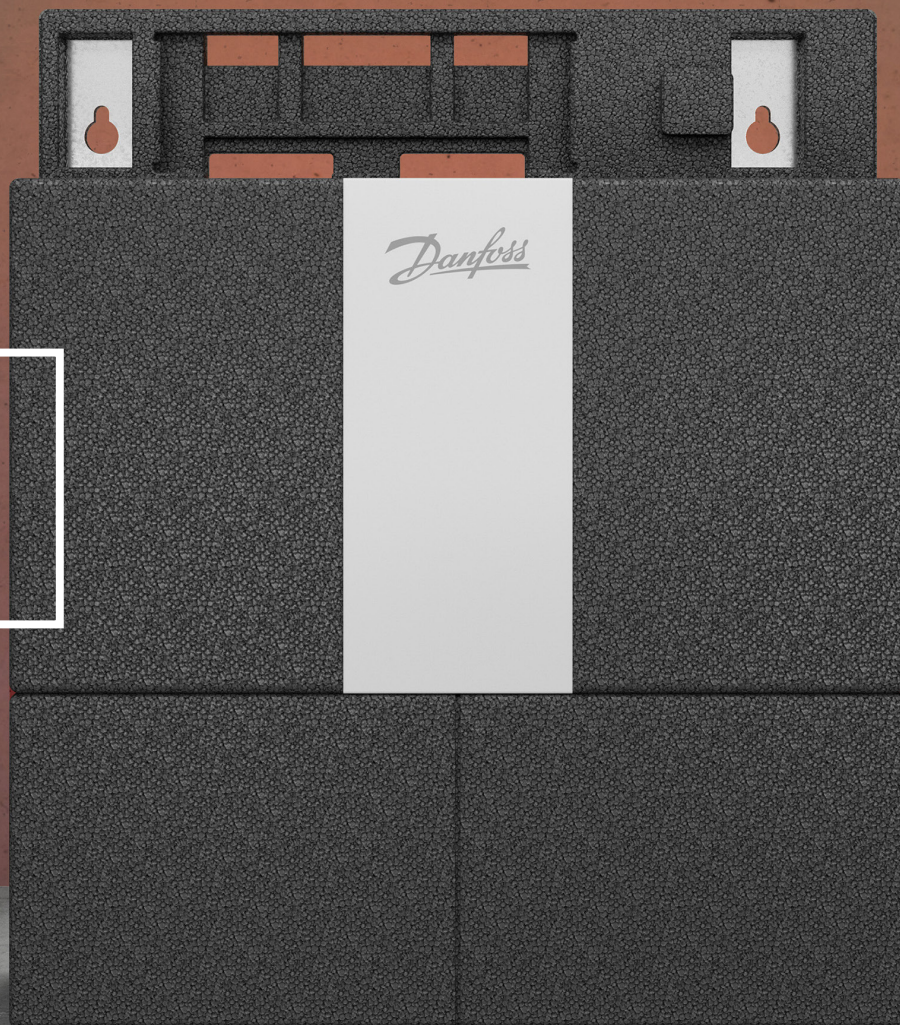
Flat stations | EvoFlat 4.0

# Industrial and modular designed flat stations that **help you win project tenders**

EvoFlat 4.0 is a series of modular flat stations (a.k.a. Heat Interface Unit or HIU) with self-acting controls for decentralized heating systems in flats and apartments. The flat stations provide residents comfortable heating and on-demand domestic hot water with highest energy efficiency. The stations are designed for mounting into a recess box or directly on a wall.

**Only  
10.8 kg  
(-23%)**

in the most  
complete  
configuration



# Next generation **Danfoss EvoFlat 4.0 flat stations**

## Better | Lighter | Easier

**In residential heating projects it's all about time, money and reliability. For that reason our engineers completely re-designed our EvoFlat flat stations. They used the most innovative technologies available today to design the flat station for the next decade. The result: EvoFlat 4.0.**



**Better.** New, state of the art components include a redesigned hot water controller, two separate differential pressure controllers, higher capacity heat exchangers and a composite body with low heat-losses. These result in an **increased tapping capacity, more accurate control and allow for low-temperature applications, such as heat pumps.** They also remove the possibility of noise from the heating side and lower return temperatures, which can lead to **discounts in district heating costs or increased efficiency.**



**Lighter.** The glass-fiber reinforced PPS composite body replaces most of the heavy brass and stainless steel components, reducing the weight by 23% in the most complete configuration. From the traditional components such as differential pressure controller, summer by-pass and temperature controllers, the brass valve bodies are now integrated in the composite 'body'. This significantly reduces weight and **allows one-person installation, which can save up to 2 manhours in installation costs.** In addition, the reduced weight also lowers the transportation costs.



**Easier.** All the remaining components are mounted to the 'body' using newly designed click-fit connections. Every component can be easily accessed from the front. This makes service to, or an upgrade of, the station very easy. For example, it can **save up to 50% of the time spent changing the heat exchanger or TPC-M controller.** Depending on the water quality, these are typically changed two to three times during the station's lifetime.

### EvoFlat 4.0:

- Compact flat station for direct heating and/or domestic hot water
- Available in 3 models with 15 kW heating and/or 43-70 kW hot water capacity
- 2 differential pressure controllers for high energy efficiency and constant hot water temperature
- Compact dimensions: H 613 x W 530 x D 150 mm incl. insulation
- Lightweight: < 11 kg in the most complete configuration

## Decentralized heating and domestic hot water

The EvoFlat decentralized heating systems offer the better alternative to traditional heating systems as commonly used in flats and apartment buildings. The increased flexibility, high cost efficiency, long system lifetime and less maintenance not only lower the carbon footprint, they also result in quicker and more sustainable return on investment.

With EvoFlat 4.0 we maximize these benefits and offer even greater comfort for the residents and lower overall costs for the building owner.

