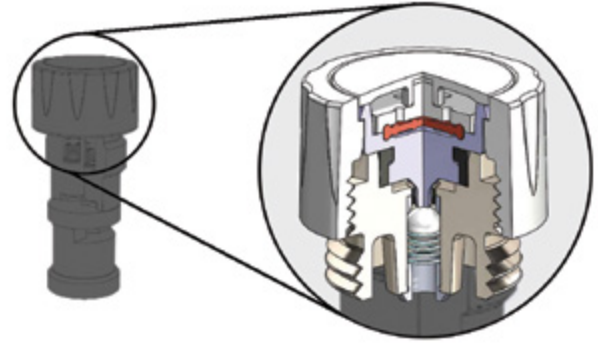


# Permanent air vent for ECO radiators

## S-vent DUO™

The S-Vent DUO™ allows permanent venting of the ECO radiator. It differs from conventional automatic air vents by its innovative, patented membrane technology and by the fact that it is absolutely maintenance-free.



### Important advantages:

- Hard-to-reach radiators bleed permanently. It is possible to equip only these radiators with an S-Vent DUO™ (other radiators still need to be vented manually).
- Constantly professionally vented radiators, only the total pressure needs to be re-regulated.
- Properly vented radiators operate quietly and efficiently.
- The S-Vent DUO™ is maintenance-free.
- Enables precise hydraulic balancing when using the S-TEST® Balance measuring device.

### Rapid initial venting

The initial manual venting at start-up is done thoroughly, cleanly and quickly using a valve opener with optional hose. The S-Vent Duo constantly vents in very small amounts. This makes it necessary to carry out the first vent via the valve opener with hose.



*Rapid initial venting*

### Serial flow

The ECO air vent is an essential part for the proper functioning of an ECO radiator. It provides the primary flow through the front panel of the radiator.

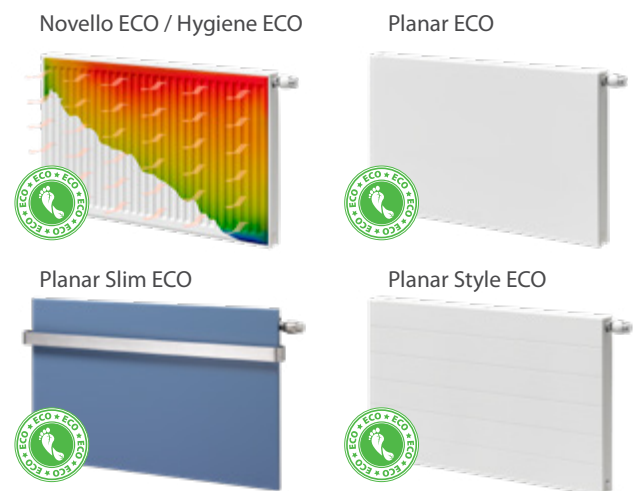
### S-Test® Balance: multifunctional measuring device

In addition to the measurement technology, the measuring device, which is perfectly matched to the hydraulic balance using the S-Vent®-DUO™, offers the software for preparing the hydraulic balance, for the approximate calculation of the heating load, for measuring and for documentation.

More information about the S-Test®-Balance can be found at [www.s-vent.de](http://www.s-vent.de).

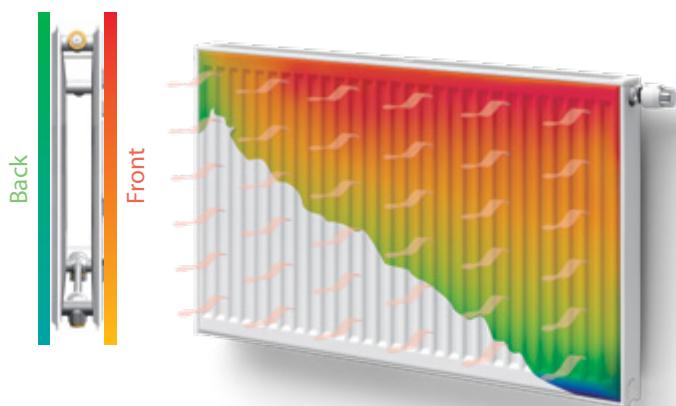
### Technical specifications:

- Article nr. S-Vent DUO™ T2150
- Article nr. Assembly wrench Duo T2151
- Article nr. S-Vent DUO™ Valve Opener T2152 with hose for manual venting/draining
- Only suitable for radiators as from 2013
- Maximum working pressure: 10 bar
- Maximum working temperature: 110 °C
- Thread: 1/2"
- Patented parallel vent
- Not suitable for type 10/11
- Stainless steel automatic recoil mechanism
- Made in Germany



# Stelrad ECO radiators

## PLEASANT GREEN HEAT!



### MORE RADIANT HEAT

Radiant heat emits infra-red radiation to heat all the objects in the room directly.

Radiant heat gives the entire room including furniture, walls and people, a completely even temperature. The increased radiant heat from the ECO radiator allows the thermostat to be set a few degrees lower without compromising comfort.

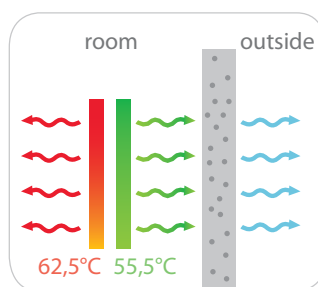
### FEWER LOSSES

In a traditional radiator there is hardly any temperature difference between the front and rear panels.

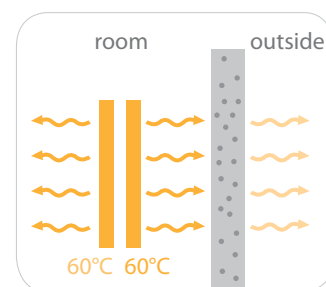
The radiant heat is passed on to the wall.

In the case of an outside wall, this heat will be lost through the wall and energy loss will occur.

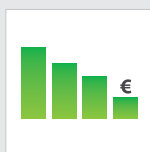
#### ECO RADIATOR



#### TRADITIONAL RADIATOR



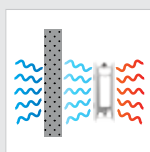
## ECO EFFICIENCY



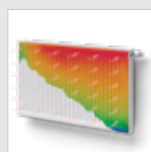
Reduced energy bills  
up to 10,5 %



Higher mean surface temperature  
on the front panel  
up to 53 %



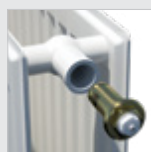
A decrease in energy loss through  
reduced radiation from the back panel  
up to 8,8 %



More radiant heat  
up to 100 %



Faster heat up process  
up to 23 %



Pre-set thermostatic  
valve means savings  
up to 6 %