

## Factsheet



## VivarA – developed for maximum efficiency

With the new VivarA, Biral offers you another pump which excels in saving energy and economic efficiency, replacing the renowned VariA-E model.

The VivarA brings together the best of two worlds. This model follows the successful Modula concept and anticipates the simple control concept with Bluetooth Connect to the dry-running in-line pump. This means that it can be easily connected to the Biral ONE app and integrated into any building services control system using separately supplied BIM modules. With the new Bluetooth interface to the Biral ONE app, we were able to multiply the operating and information possibilities compared with the previous pump.

### Maximum efficiency

The latest generation of synchronous motors takes the entire series to the next level – **efficiency class IE5**. The VivarA therefore surpasses all ErP guidelines for efficiency class IE4.

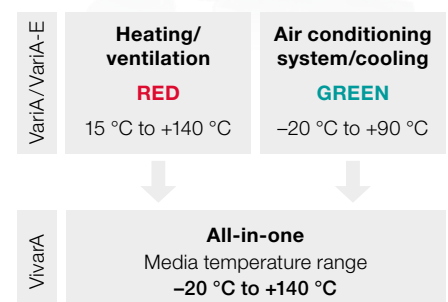
### Areas of application

Standard variants and optimally coordinated characteristic curves make it easy to get an overview of the product range. At the same time, the pump remains versatile in its areas of application:

- Heating
- District heating systems
- Cooling
- Industrial cooling
- Industrial applications

### All-in-one

The completely revised pump design meant that the segmentation could be greatly simplified. The permitted media temperature range of **-20 °C to +140 °C** means that the pump is versatile and can be used both for heating (RED) and cooling applications (GREEN). The VivarA is therefore considered an all-in-one pump.



# Convincing qualities

## Powerful

### Extended power range

The VivarA is used for moderate pump heights and large quantities, which is why we have increased its power range when compared with its predecessor.

## Clear overview

### All planning documents at hand

We believe that having clear technical documents is important. Our whole range can be designed on our PumpSelector and can be stored directly in the planning tool thanks to the advanced BIM data.

## Sustainable

### Maximum energy efficiency (IE5)

Thanks to their state-of-the-art synchronous motors and efficient design, all sizes of the VivarA achieve the maximum energy efficiency.

## Simple

### Plug & Pump

Simply unpack the pump, plug it in and put it into operation – no more time spent tediously connecting the capillary tubes to the sensor or similarly tiresome tasks.

## Durable

### Retreaded design

The cathodic dip coating, which is used for the first time in this pump, makes the VivarA more durable and efficient.

## Connected

### Bluetooth Connect

Thanks to the integrated Bluetooth interface, you can easily configure, monitor and analyse the VivarA with your smartphone.



# Combined graphs

