



## Technical Data

### Type

Emerson Liebert, Montair, Uniflair Leonardo

### Number of units

Qty. 20

### Number of fans

Qty. 8× 6× 10×

### ebm-papst product

K3G400AQ2301 K3G250AV29B2 K3G400RT0212

## Project



NTS Workspace AG is a medium-sized, flexible and innovative company providing a fibre-glass backbone across all of Switzerland. Their carrier-neutral data centres are located in Bern, Zurich, Zug and Basel and are commercially utilised by leasing capacities out to external end customers.

Sustainability and efficiency are top priority when running these data centres. This is why NTS Workspace AG approached ebm-papst and asked them to retrofit their existing AHU- Units in their datacenter in Zurich with energy-efficient GreenTech EC fans.

More datacenters are to follow.

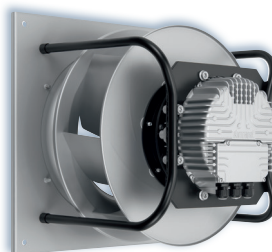
## Application



The existing AHUs are fitted with two fans each. Retrofitting those units with GreenTech EC centrifugal fans (RadiPac) made it possible to achieve energy savings in the units of up to 70%. What is more, thanks to the EC fans, the systems can now also be closed-loop controlled to actual demand.

The pay-off period for material and retrofit costs is a mere 18 months.

## Advantages/Benefits of ebm-papst product



### Advantages of GreenTech EC centrifugal fans – RadiPac at a glance:

- Compact design
- High efficiency
- Extremely easy to install and replace due to the Plug & Play principle
- Integrated electronics
- Low operating costs
- Precisely adjustable to actual air performance demand
- Long service life and high reliability