



# Your Fan Retrofit Partner for Energy Efficiency and Sustainability



Extend the life of your AHUs with our energy-efficient and cost-effective retrofit solutions, including fans, fan and bulkhead systems, fan boxes, control panels, and dampers & filters.

## CORE BENEFITS



### High Efficiency ebm-papst fans

Reduce energy consumption by up to 50% with advanced EC (Electronically Commutated) fan technology.



### Advanced Control Systems

Enhance performance and simplify installation with fully integrated controls. Automatic N+1 scalability.



### Seamless Integration

Seamlessly integrate customised retrofit designs directly into existing AHU systems without the need for major modifications.



### Durability and Reliability

Benefit from durable and reliable components designed for long-term performance in demanding environments.



### Pre-Assembled Retrofit Kits

Reduce labour costs and downtime with pre-assembled solutions that simplify installation.



### Smart Performance Monitoring

Minimise disruptions and extend system life with optional predictive maintenance tools.

## RETROFIT PROCESS OVERVIEW

### STEP 1

#### Site Survey

On-site assessment to determine retrofit requirements.



### STEP 2

#### Value Proposal

Bespoke recommendations and estimated savings.



### STEP 3

#### Design, Make, Deliver

Custom retrofit solutions expertly designed and delivered.



### STEP 4

#### Installation and Commissioning Support

Seamless integration with expert guidance.

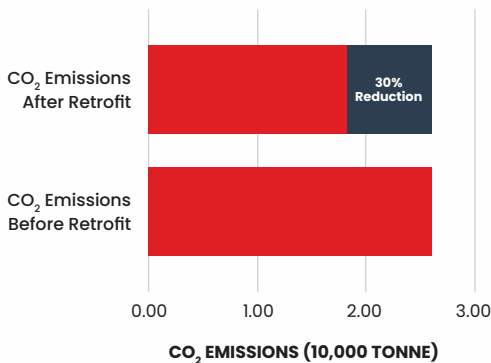


### STEP 5

#### Aftersales Follow Up – validating proposal

Ensuring optimal performance with ongoing support.

## FAN RETROFIT CO<sub>2</sub> IMPACT OVER 10 YEARS



## CARBON REDUCTION FROM FAN RETROFIT AT DUBLIN DATA CENTRE

This graph highlights the expected impact of a fan retrofit project on carbon emissions at a Dublin-based data centre. Over a 10-year period, the retrofit is projected to deliver a 30% reduction in emissions, enhancing energy efficiency and supporting sustainability goals.



approved controller for ebmpapst products

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sales@waltz.ae  
+971 4 564 1515



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