



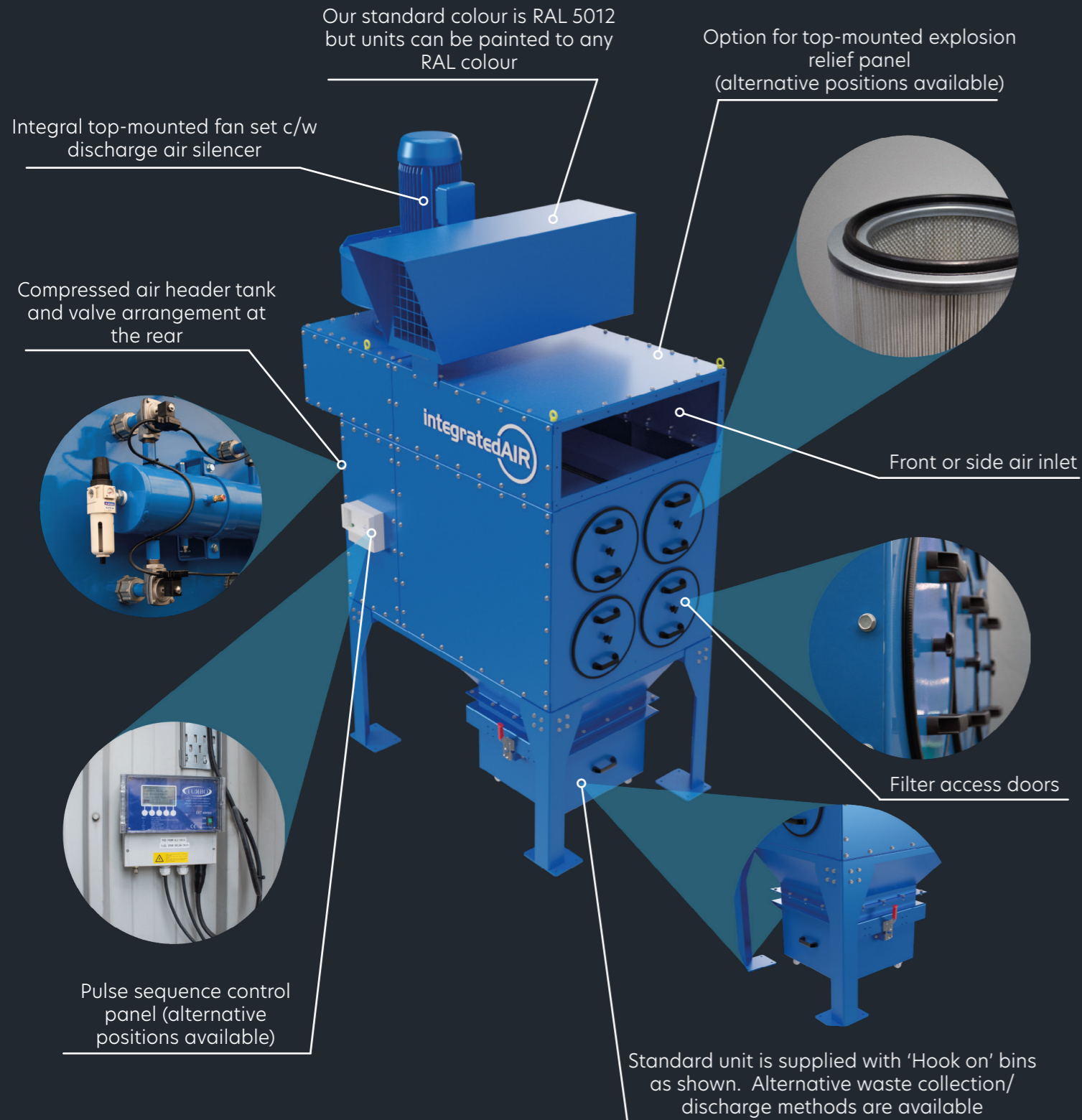
BlueClean[®] HC PRO

integratedAIR[™]
FILTRATION

www.integratedairfiltration.co.uk

BlueClean® HC PRO Unit

Our BlueClean® HC PRO range of horizontally mounted cartridges are designed with maintenance and ease of use in mind. With multiple configurations available, this versatile range is suitable for a wide range of process requirements. The HC PRO can house between 2 and 40 filter elements making sure you have the right size filter unit for the application.



Applications

The sectors that we typically supply to - but not limited to.



Why Choose Us?

integratedAIR Filtration are dedicated and passionate about all aspects of what we do;

- We pride ourselves on being customer driven and will always aim to address the exact requirements of any application
- Speed of response at quotation, manufacturing, installation and post-installation stages.
- Bespoke designs tailor-made to suit specific applications.
- Our engineers are fully conversant with ATEX when potentially explosive dusts are being handled.

Benefits

- Cost-effective solution
- Safe to use with explosive dusts
- Reduced footprint to optimise production area
- Low maintenance
- Tool less filter cartridge change
- Longevity of cartridge filters through effective pre-separation of dust particulate
- Adaptable to each unique requirement
- Extensive filter range due to the modular design

Key Features of Our BlueClean® HC PRO Unit

- **True downflow cleaning technology** with dust laden air entering the filter unit at high level and flowing downwards through the filter unit chamber
- The HC PRO uses a single filter cartridge in each aperture limiting the number of filter seals present in the unit reducing the risk of dust carry over
- Using a single filter element provides a more active filter area and improves the effectiveness of the cleaning action
- Ease of maintenance with **tool less filter cartridge change**
- Externally located compressed air header tank providing **ease of maintenance**
- Choice of pulse sequence control panels available including two DP (differential pressure) cleaning panels that include a 4-20mA outfeed facility for setting alarm conditions and external monitoring
- **ATEX compliance** where applicable
- **Modular design ranging from 2 to 40 cartridges** (larger units available on request)
- Integral inlet mounted fan sets or floor mounted pedestal fan sets are available
- High quality powder coated finish



Options

- Various inlet positions available
- Multiple inlet types available including ductwork adapters and anti-abrasion inlets
- Wide range of filtration medias available including spun bond polyester, anti-static spun bond polyester, cellulose nanoweb, PTFE coated and membrane medias
- Multiple waste collection/discharge methods available including bin collection, 45 gallon drum, rotary valve discharge, etc.
- Our units can be powder coated in any RAL colour and finish (eg: textured, semi-gloss, full gloss, etc) and to any specification (eg: C4M coastal)
- Filter safe change design available
- Secondary filtration

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