



Case Study

Science Park

Unit reference

2x Large AHUs (12m³/s)

Scope of works:

EC fan wall upgrade c/w refurbishment
of the AHU

The existing units were fitted with a single, large backward curved fan and motor that was nearing the end of its lifespan.

The inlet section containing the frost coil and filters was in poor condition with heavy, but treatable surface corrosion on the floor.

Works completed were an EC fan upgrade to reduce both energy and maintenance cost, treatment of the floors and chequer plating due to the requirement for maintenance access, new frost coil and new filter frames.

BMS upgrade works were completed at the same time to provide better control for the large VAV growing laboratory area and the mechanical upgrade option was far more economical than full replacement of each unit had resulted in less down time for production.

Contact us

Unit 7 Stag Business Park,
164/166 Christchurch Road,
Ringwood, Hampshire,
BH24 3AS

Telephone:
01425 475384

Email:
sales@ahs-ss.uk.com

www.ahs-ss.uk.com

ahs  TM
(Specialist Services) Ltd

Case Study

Science Park

2x Large AHUs (12m³/s)

Before Upgrade



During Upgrade



EC Fan Upgrade



Case Study

Science Park

2x Large AHUs (12m³/s)

Inlet section before upgrade



New coil, filter frames and corrosion treatment completed

