

CASE STUDY: FINANCIAL SERVICES

SUSTAINABILITY LEADERSHIP IN LONDON'S FINANCIAL DISTRICT WITH K&N ENGINEERING REUSABLE HVAC FILTERS

PROJECT:

Financial Services Firm EMEA HQ K&N Replaced Legacy Disposables

USE CASE:

City Center High Rise 10-story building with 826,000 net ft² of office space

LOCATION:

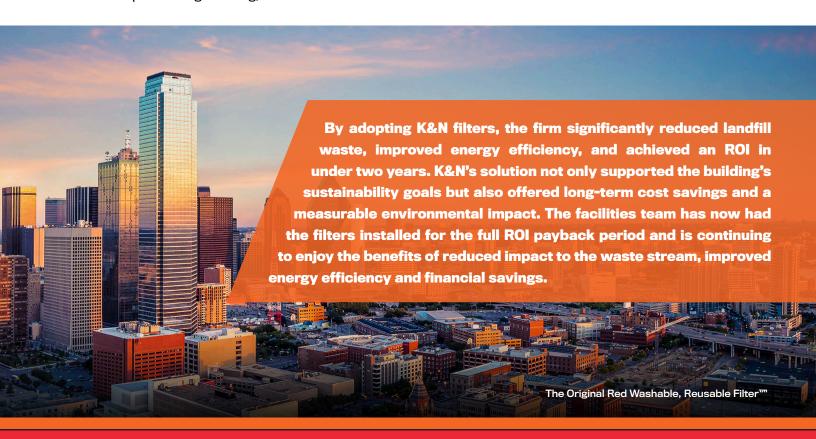
London, United Kingdom

EQUIPMENT:

Multiple cooling towers - 448 units of 12"x12"x2" and 448 of 24"x24"x2" standard MERV 8 panels

OVERVIEW:

In 2023, a global financial services firm in London's Financial District replaced its disposable filters with K&N washable, reusable filters across its 10-story headquarters. The facility team, already committed to sustainability with initiatives like a rooftop garden using recycled water, aimed to further that commitment as they participated in a pilot of K&N's potentially transformative product: high-flowing, washable re-usable HVAC filters.













The client was able to demonstrate significant improvement in differential pressure while also demonstrating a slowing of the build-up of dP over the legacy disposable filters. Managers were able to extend the changeout cycle from roughly 5 months to washing every 9 months. Over all the operation is more sustainable, requiring fewer deliveries and fewer waste hauls as a result of the change.

KEYS TO SUCCESS:

WASTE DIVERTED OVER 15 YEARS 206,160 TONS

ENERGY SAVED 42,000 KW/H PER YEAR (4%)

PAYBACK PERIOD

TOTAL INITIATIVE SAVINGS

*Does not include energy performance or waste disposal and removal cost calculation

Passionate about sustainability? Let's talk: nowaste@knfilters.com

The Original Red Washable, Reusable Filter



