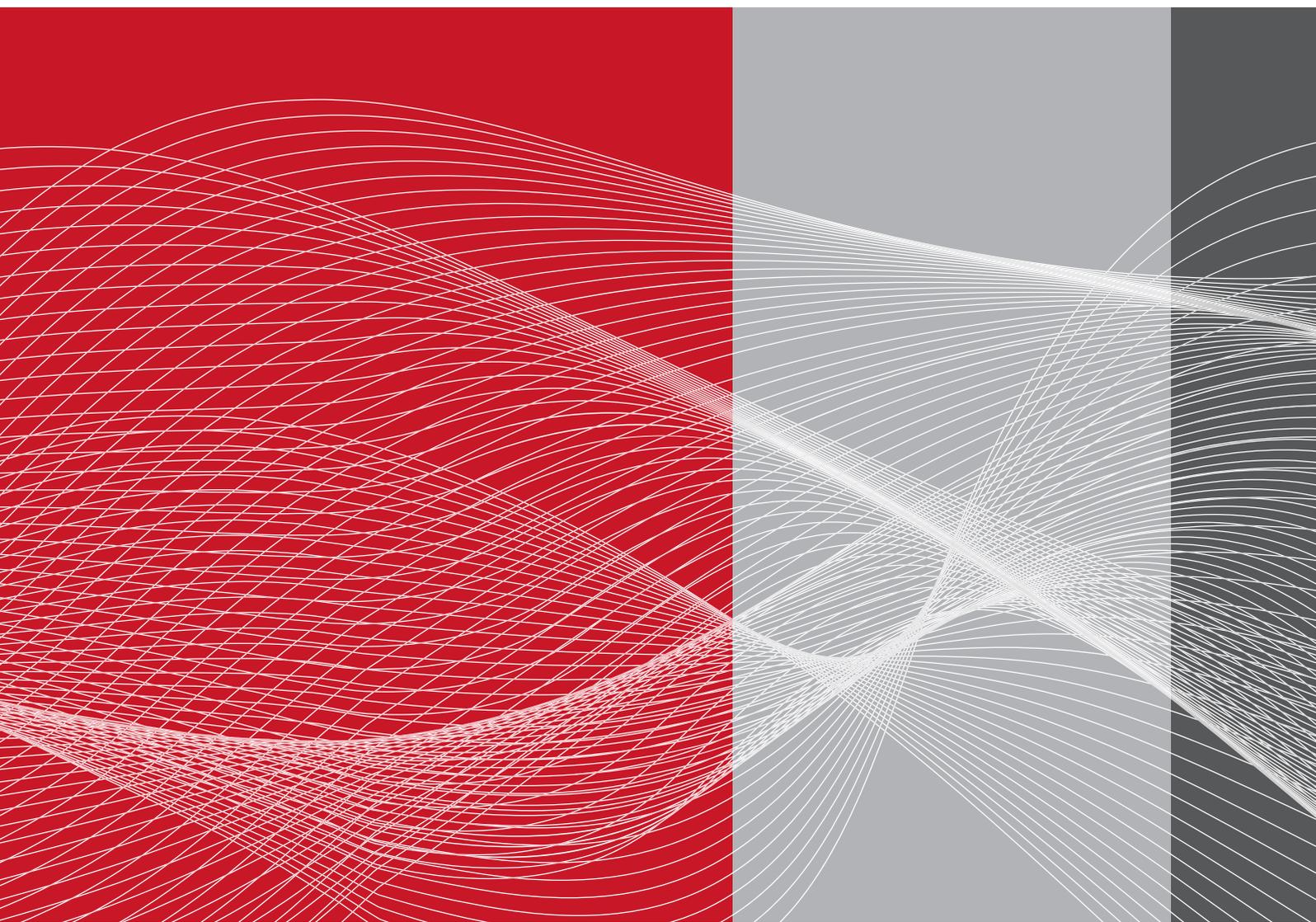




Bringing clean air to life®

Cleanroom Creator with TCO Diagnostics® Software



AAF Cleanroom Creator with TCO Diagnostics® Software

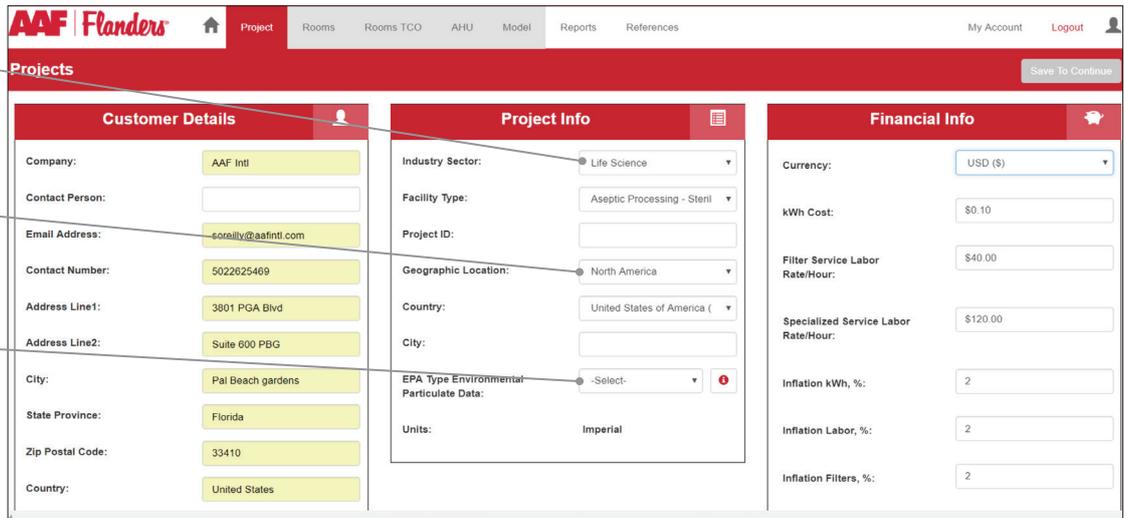
A revolutionary new cleanroom design and air filter selection program designed specifically with energy optimization in mind.

- High Purity Filtration Selection and Design Software for multiple market segment applications
- Air Change Rate Selection– make science based decisions to deliver optimum cleanroom efficiency
- Calculate multiple rooms for a cross functional facility. Greenfield and existing facility design considerations built into the software
- TCO Calculations for ALL stages of filtration and housing selection reports
- Generate detailed recovery time and air change rate optimization reports
- Generate latest industry specifications with Revit drawings for BIM Models
- Technical library– access latest industry standards and International guidelines

Industry sector options for Life Science (14 different cleanroom applications per ISPE HVAC Guidelines)

Global regions selection, languages, currency and units (metric/imperial)

EPA-150 16890 referenced outside air contamination concentrations data



Filter class selection to see impact on downstream cleanliness levels/recovery time

Contamination source inputs from people and the process

Multiple room calculation options (First time, add rooms off 1 AHU)

Cleanroom classification options, EU GMP, ISO, FDA

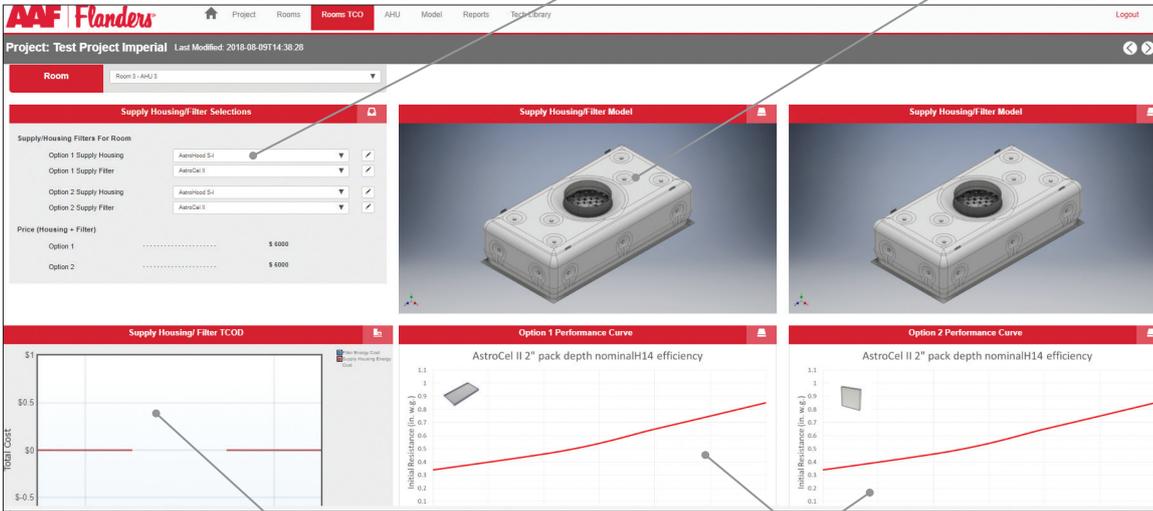
Contamination levels and A/C rate minimum calculations to meet target room classification and optimized design comparison

Room recovery calculation-contamination level vs. time



Housing (AstroHood® I-III) and Filter (Membrane vs. Glass) comparison selection options

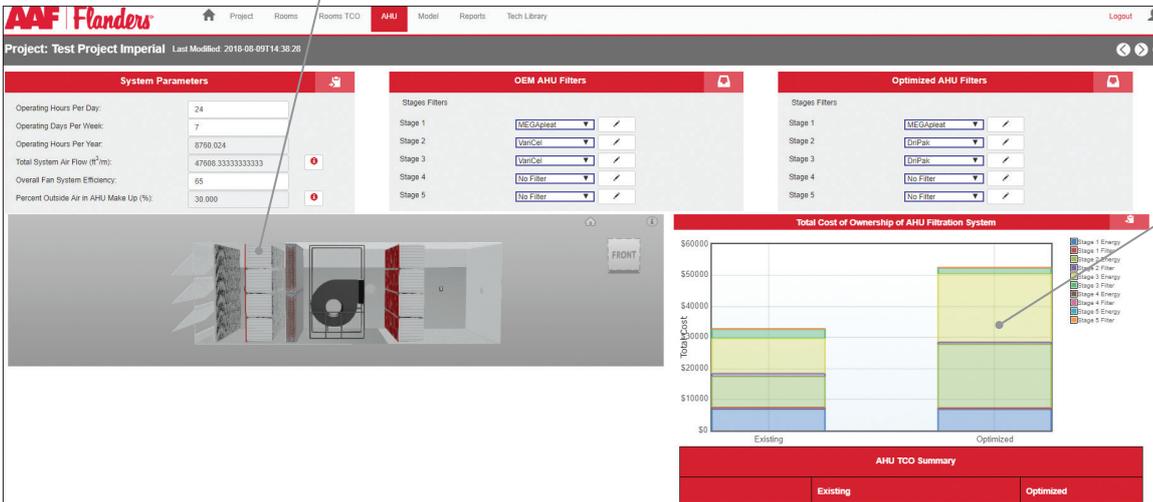
3D dynamic image of product selection



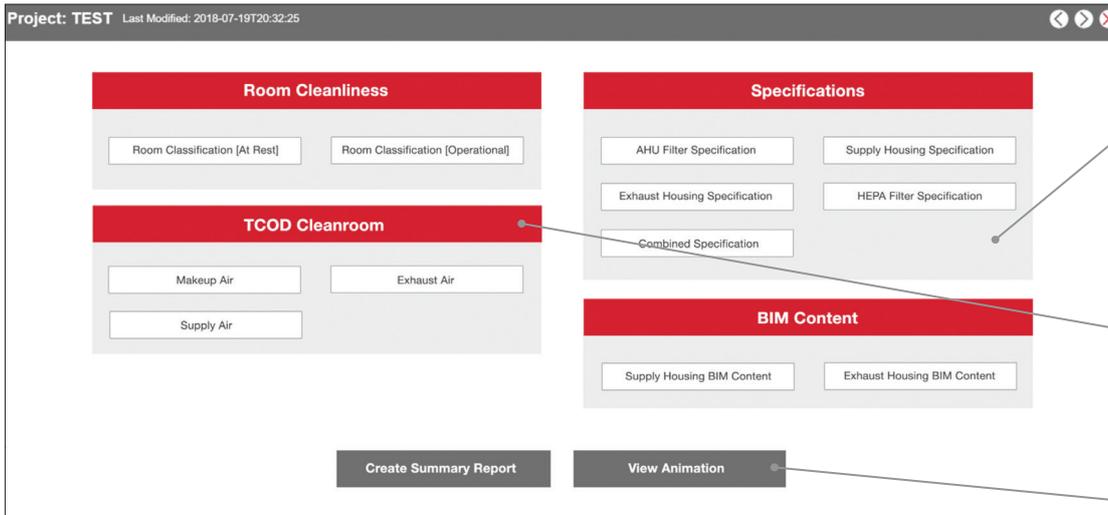
TCO calculation on Housing and Filter (damper/system' resistance)

HEPA performance curve comparisons

3D dynamic animation of filter selection



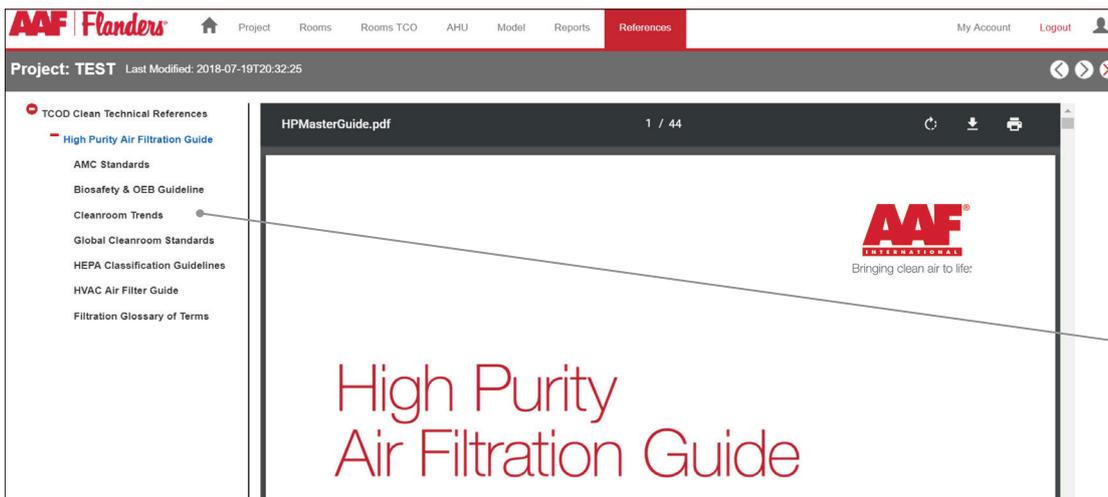
TCOD optimized design calculations for AHU filters



Product specification selection options for ALL filter, frame and housing types (consolidated FULL specification) auto selection option

Room contamination levels, a/c rate, recovery time report options. TCOD calculations per product group or system design standard and optimized designs

3D animation walk through capability of the room design from AHU to supply-exhaust devices



Tech library access for HP Guide (80+ pages), white papers and cleanroom calculation formulas



AAF International Plant Locations

AAF, the world's largest manufacturer of air filtration solutions, operates production, warehousing and distribution facilities in 22 countries across four continents. With its global headquarters in Louisville, Kentucky, AAF is committed to protecting people, processes and systems through the development and manufacturing of the highest quality air filters, filtration equipment, and associated housing and hardware available today.

Contact your local AAF representative for a complete list of AAF Air Filtration Product Solutions.

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Hudson, NY
Momence, IL
Ontario, CA
Smithfield, NC
Tijuana, Mexico
Votorantim, Brazil
Washington, NC

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Gasny, France
Vitoria, Spain
Ecoparc, France
Trencin, Slovakia
Emmen, The Netherlands
Vadstena, Sweden
Vantas, Finland

Asia & Middle East

Riyadh, Saudi Arabia
Shah Alam, Malaysia
Suzhou, China
Shenzhen, China
Miaoli, Taiwan
Bangalore, India
Noida, India
Yuki, Japan (Nippon Muki)



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AAF has a policy of continuous product research and improvement and reserves the right to change design and specifications without notice.

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