

# TROX MIDDLE EAST WEBINARS



## DISPLACEMENT VENTILATION SYSTEM

Webinar Date: April 28, 2022 | 1:00 pm (UAE Time)

- Recap - Mixed Flow ventilation
- Features of Displacement Ventilation
- Difference between Mixed flow ventilation and Displacement flow ventilation
- Benefits and Limitations
- Airflow Patterns - Horizontal & Vertical
- Areas of Application



## HOW TO SAVE ENERGY IN AIR SYSTEMS

Webinar Date: May 26, 2022 | 1:00 pm (UAE Time)

Coming Soon..

2022



## (WEBINAR DONE)BASICS OF ACOUSTIC

Webinar Date: March 24, 2022 | 1:00 pm (UAE Time)

- Terms & Definition, Sound Pressure / Sound Power
- Sound Generation, Absorption and Insulation, Sound Reduction Index, Attenuators and Duct-System Calculations
- Measurement and Calculation / Sound Propagation
- Silencers, Splitters, Attenuators
- Standards



## (WEBINAR DONE!) OVERHEAD VS UNDERFLOOR VENTILATION SYSTEM

- Comfort
- Overhead Ventilation System Details
  - *Advantages & Disadvantages*
  - *Application*
- Underfloor Ventilation System Details
  - *Advantages & Disadvantages*
  - *Application*
- Comparison between Overhead vs Underfloor systems

Webinar Date: February 24, 2022 | 1:00 pm (UAE Time)

2021



## HOW TO DESIGN HVAC SYSTEMS AND OPERATE DURING COVID-19

- Basics
- Transition Media
- Droplets vs Aerosols
- Air Spread Demo
- Mixed Ventilation vs Displacement Ventilation
- Recommendation for Building Services Operation
- Ventilation recommendation to reduce spread

Webinar Date: November 01, 2021 | 1:00 pm (UAE Time)