

# AIR TOWERS

## THE AIR TOWER

The Vertical Air Tower is the optimal solution to furnish supply air into the Raised Access Floor plenum. The vertical approach is an effective use in Underfloor Air Distribution projects compared to horizontal units. The vertical orientation of the Air Tower reduces the mechanical closet footprint resulting in a potential increase in overall net rentable space.



## INCREASED TENANT SPACE

- Increase rentable space by requiring much smaller mechanical closets than conventional horizontal air handling equipment

## LESS NOISE

- Less noise than the conventional overhead systems and conventional horizontal air handling equipment

## WHY UFAD

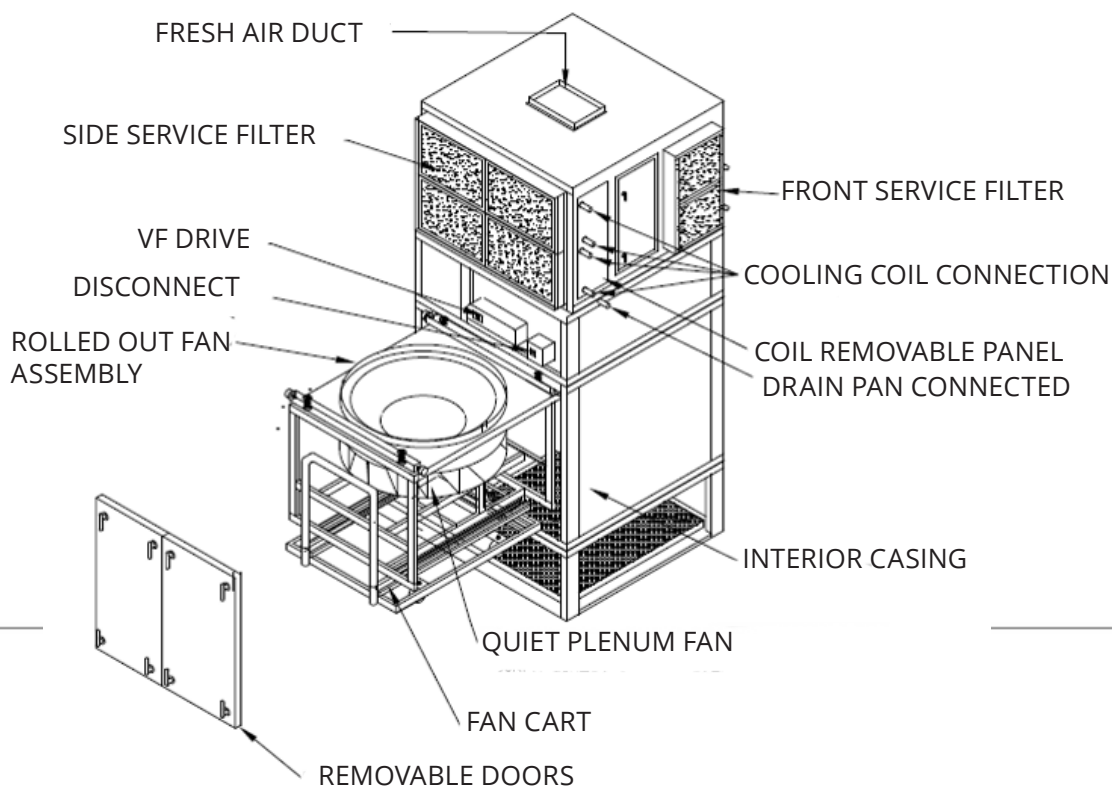
- First cost savings and life-cycle energy efficiencies complement end-user benefits of individual control and improved occupant thermal comfort.

## DEMAND CONTROLLED VENTILATION

- Conditioned air delivered directly into Occupied Zone and efficient removal of particulate results in higher (IAQ) Indoor Air Quality values.

# AIR TOWER

Operating with moderate supply water temperatures allows the integration of renewable systems such as geothermal heat pumps which maximize efficiencies or chillers which can be downsized (due to bypass).



## AIR TOWER APPLICATION

