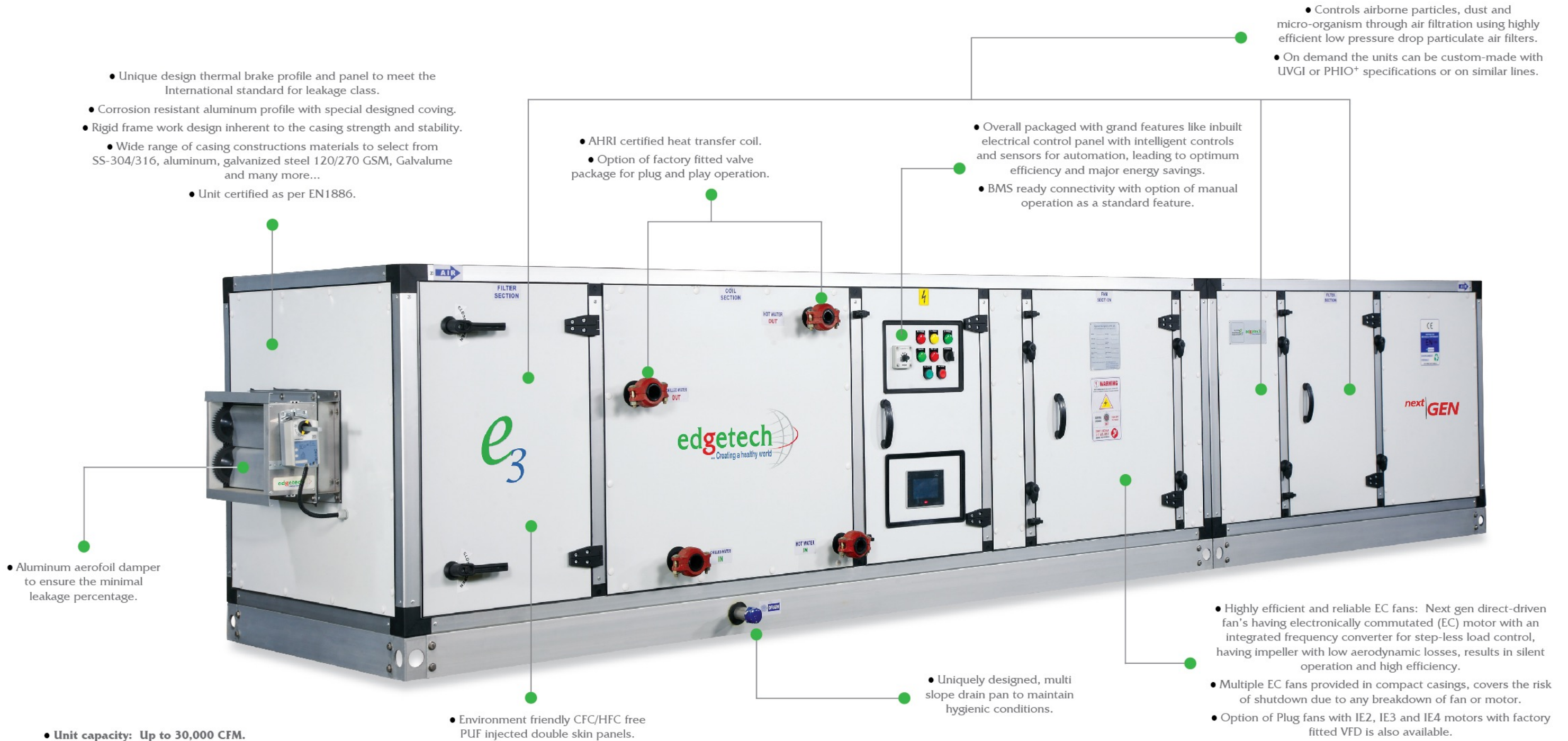


# e<sub>3</sub> Cleanroom next GEN AHU, to meet all hygienic requirements for the Pharma and Cleanroom applications

E3 Cleanroom AHU by Edgetech is especially designed to minimize the introduction, generation and retention of particulate and microbial contaminations in healthcare industry.



- Unique design thermal brake profile and panel to meet the International standard for leakage class.
- Corrosion resistant aluminum profile with special designed coving.
- Rigid frame work design inherent to the casing strength and stability.
  - Wide range of casing constructions materials to select from SS-304/316, aluminum, galvanized steel 120/270 GSM, Galvalume and many more...
- Unit certified as per EN1886.

- AHRI certified heat transfer coil.
- Option of factory fitted valve package for plug and play operation.

- Overall packaged with grand features like inbuilt electrical control panel with intelligent controls and sensors for automation, leading to optimum efficiency and major energy savings.
- BMS ready connectivity with option of manual operation as a standard feature.

- Controls airborne particles, dust and micro-organism through air filtration using highly efficient low pressure drop particulate air filters.
- On demand the units can be custom-made with UVGI or PHIO+ specifications or on similar lines.

- Aluminum aerofoil damper to ensure the minimal leakage percentage.

• Unit capacity: Up to 30,000 CFM.

- Environment friendly CFC/HFC free PUF injected double skin panels.

- Uniquely designed, multi slope drain pan to maintain hygienic conditions.

- Highly efficient and reliable EC fans: Next gen direct-driven fan's having electronically commutated (EC) motor with an integrated frequency converter for step-less load control, having impeller with low aerodynamic losses, results in silent operation and high efficiency.
- Multiple EC fans provided in compact casings, covers the risk of shutdown due to any breakdown of fan or motor.
- Option of Plug fans with IE2, IE3 and IE4 motors with factory fitted VFD is also available.