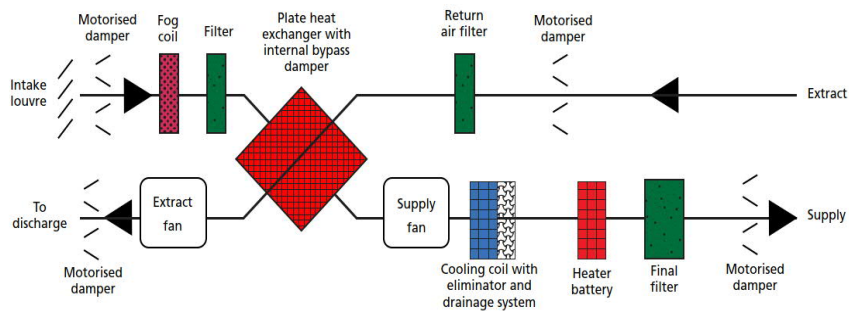


# HTM03-01 Air Handling Unit Design

This fully certified CPD will cover the following topics:

- Introduction to HTM03-01
  - What is HTM03-01 & where does it apply
  - Minimum standards for AHUs
  - AHU general design aspects
- AHU design for HTM03-01
  - Casing construction
  - Energy recovery
  - Fans
  - Coils
  - Filters
  - Access sections
  - Connections & dampers
  - Attenuators
  - Humidifiers
- AHU maintenance
  - Frequency
  - Routine inspection
- Important changes
- The risks of non-compliance
- Q&A



Typical healthcare application	Minimum filter grade to BS EN 1822 - 2019* (Eurovent grade)	% Efficiency @ MPPS
UCV theatre terminal	EPA - E10 - (EU10)	85
-	EPA - E11 - (EU11)	95
Immunosuppressed and neutropenic patient rooms or wards	EPA - E12 - (EU12)	99.5
-	HEPA - H13 - (EU13)	99.95
Pharmacy aseptic preparation facility supply Containment level 3 room extract	HEPA - H14 - (EU14)	99.995