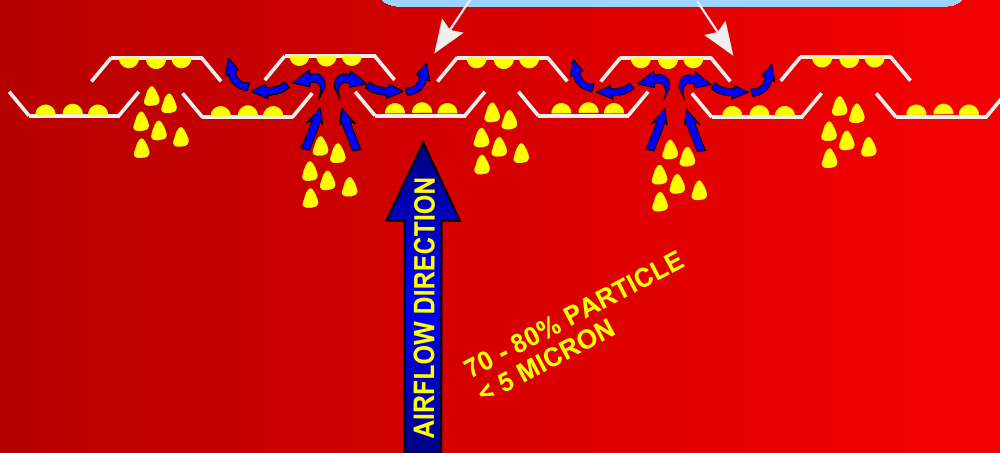


BLADE CONFIGURATION

EFFICIENCY : 20 TO 60%

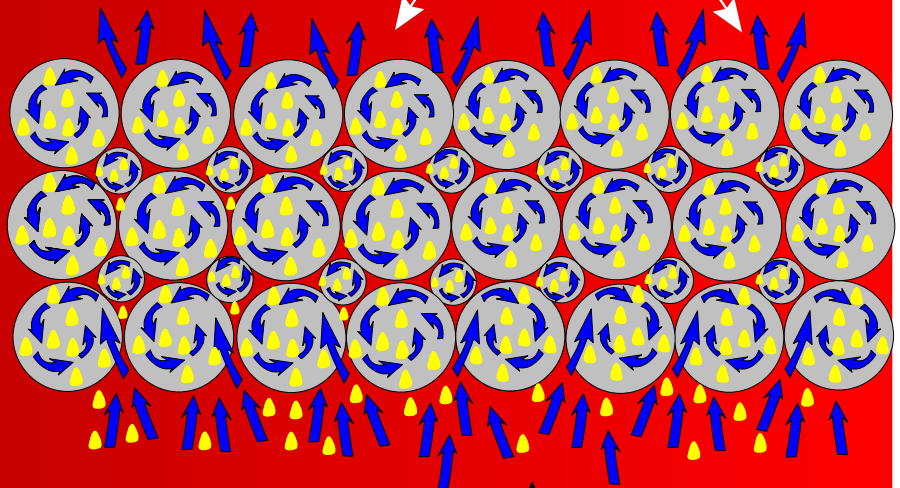
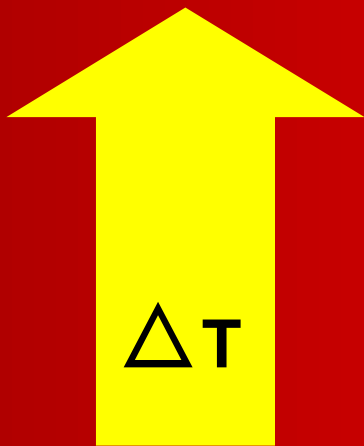
CONDENSATION - MINIMUM
IMPINGEMENT / INERTIAL SEPARATION



VERITECH CURL CONFIGURATION

EFFICIENCY : 95% PLUS

INERTIAL SEPARATION
IMPINGEMENT
CONDENSATION / HEAT TRANSFER
SETTLING



HEAT TRANSFER =

CONVECTION COEFFICIENT (h) X FILTER AREA X ΔT
= CONDENSATION

IMPINGEMENT VALID FOR PARTICLES > 10 MICRON

COOKING PROCESS :
> 90% OF PARTICLES < 1 MICRON

AIRFLOW DIRECTION

70 - 80% PARTICLE
< 5 MICRON