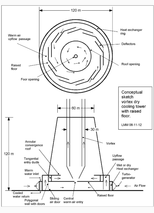
Atmospheric Vortex Engine

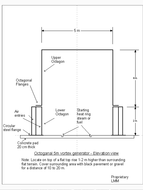
AVE Designs

Atmospheric Vortex Engine of the Future

High resolution version of the above illustration - JPG (2.5 MB)



5m Diameter Dual Octagonal Model



Octagonal 5m vortex generator - Elevation view

Note: Lucas on top of a flat top row 1.2 m higher than surrounding flat tarpaper. Small surrounding area with black pavement in gravel for a distance of 10 to 20 m.

Proprietary LUM

Atmospheric Vortex Engine - Pony Station

Atmospheric Vortex Engine Pony Station - 3D Viewable Model

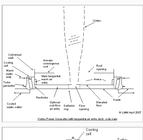
Left mouse click+drag = ROTATE:
Roll mouse scroll wheel = ZOOM
Press and hold scroll wheel = PAN

...Or use the icons at the top left of the viewer to pan, zoom and rotate the model. Download and save the following EXE's to your computer then double-click to launch. (Note: EXE's only for MS Windows).

Basic atmospheric vortex engine - EXE format (382 KB)

AVE with elevated floor and additional central air entry - EXE format (453 KB)

Polygonal Atmospheric Vortex Engine with Integrated Cooling Cells


Chimney
Cylindrical cell
Cylindrical cell
Cylindrical cell
Cylindrical cell
Cylindrical cell
Cylindrical cell
Cylindrical cell
Cylindrical cell
Annular convergence roof
Air entry
Tangential entry ducts
Roof opening
Floor opening
Cylindrical cell
Cylindrical cell
Cylindrical cell
Cylindrical cell
Cylindrical cell
Cylindrical cell
Cylindrical cell
Cylindrical cell