

A wind unit has a disc with flat surface and vertical axis of rotation. Half of surface of the disc at beneath and at above is covered with cowl that rotates in free way relative to axis of rotation of disc and has in back relative to motion of air section a tail fin that is placed normally relative to the plane of rotation of disc and in parallel relative to the direction of wind. At distance of vortex interaction with surface of disc over and under plane of rotation of disc that is not covered with cowl semi-disc-like surfaces that are fixed to the cowl are mounted.