

ELECTRIC PLUME MODEL N-125

The electric plume consists of a number of ribbons attached to a rubber suction cup which may then be adhered to the top of an electrostatic generator such as the WINSKO model N-100V Van de Graaff Generator.

In use, the ribbons will at first lie flat on the surface of the dome, but then slowly will acquire a charge. There is a time factor because the ribbons are much more nearly an insulator than they are a conductor. As the charge builds, the ribbons will begin to lift away from the dome and eventually stand upright. Take special note that, in addition to standing up, they also stand away from one another.

As each ribbon accumulates a charge, it is repelled away from the dome and each of its neighbors. This is a simple demonstration of the repulsion forces between like charges.

