

Vaccon's CDF Series Adjustable Air Amplifier, generating high vacuum flow ideal for picking up light, porous objects such as open celled foam, fabric, fibrous paper food products such as birthday cakes, and more.

CDF air amplifiers operate on the "Coandă Effect" ([Wikipedia link](#)) where a small volume of compressed air is converted into a large flow of ambient air (40:1 output to input), enabling it to overcome leakage inherent in picking up light, porous objects. Using the vacuum port (with or without a vacuum cup), the CDF air amplifier is a low cost, high performance pump that operates without vacuum cups or air regulators. Vacuum is instantaneous; air velocity and flow are field adjustable ensuring optimum performance and low operating expenses for each application.



Made of high quality aluminum, CDF air amplifiers are available in nine standard models with internal bores from 1/4" to 2", and offer vacuum flows from 12 to 330 SCFM [340 to 9345 LPM]. To meet chemical compatibility, heat and environmental requirements, specialty materials such as stainless steel, Teflon™, Delrin® and more are available. Please consult factory for custom sizes, accessories, and materials.

For more information please visit the following pages:

CDF Series Air Amplifiers

<http://www.vaccon.com/standard-products/adjustable-air-amplifiers-blowers-cdf-series/cdf>

Homepage

<http://www.vaccon.com>