

# AIRFLOW PART

## INDUSTRIAL | Manufacturing automation



Application type:

Final part: Customized

Material:

HP 3D HR CB PA 12

Seb'Automatisme used the HP Jet Fusion 580 Color 3D Printer to produce a new device that facilitates high-pressure air flow to eliminate impurity inside parts.

Printing this part in different colors makes it easier for the assembler to locate the part among myriad others during the assembly process and also makes the serial number, which is imprinted on the lateral edge of the device in a different color, more visible. Before HP Multi Jet Fusion (MJF) technology, producing this part with this precise functionality and color was unachievable with other 3D printing technologies.

The design freedom made available with HP MJF allowed Seb'Automatisme engineers to incorporate squared holes in the part and improve performance. Designers can add logos, serial numbers, and other identifying marks to their products to bring awareness to a particular brand or make it easier to read information about a part.

