Simian Project Srl - Italy

Instruction manual

ABT-240 Air Knife

Introduction

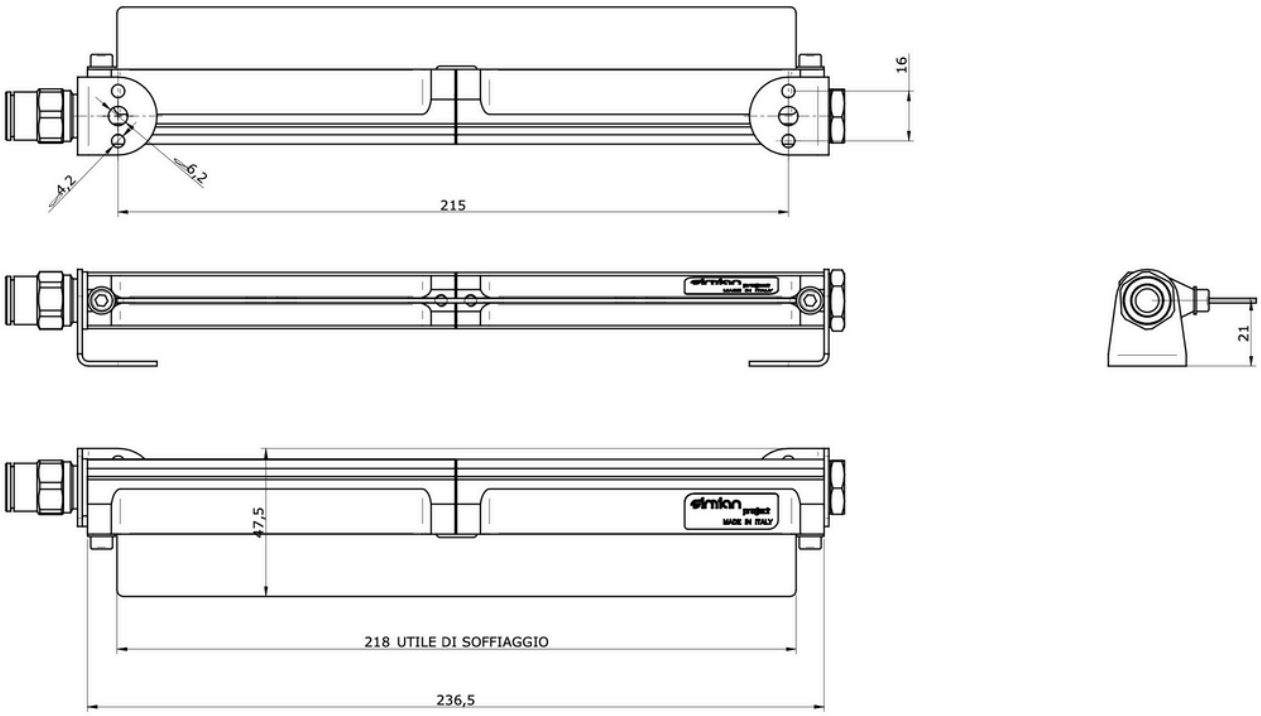
The SIMIAN ABT air blade series is unique in its kind, as these blades not only feature high blowing power due to the dual flow on the central blade but also have the peculiarity of being easily applied using two neodymium magnets and brackets that allow the blade to be oriented according to various needs.
The design of these blades was conceived by SIMIAN in modules from which the multiple versions ABT-400 and ABT-600 series were developed.
They are used as blowers to ventilate, channel, dry, and cool.

Installation, positioning and use

The SIMIAN ABT series of air knives must be powered by compressed air (max 7 bar) with a pipe diameter of 10 mm. We recommend filtering the compressed air using a 10-micron condensate filter with adequate flow capacity.

Maintenance

The SIMIAN ABT-240 air blades have no moving parts, and maintenance is generally not required if equipped with a filter. If performance decreases over time, a thorough cleaning of the object is necessary.

TECHNICAL SPECIFICATIONS

Maximum pressure: 7 bar