



Mobile Manual Air Blow Valve is Essential Tool for Machinists

Challenge:

A tool room machinist liked to have quick access to easy air to help clean parts and blow chips off the machine as he was milling or drilling. Existing air stations were stationary and not particularly convenient or flexible enough to be useful for every job.

Solution:

Bimba developed a convenient tool using a standard MV8 valve, sandwiched with an ultra strong rare earth magnet that is standard in the Ultram. The magnet sits between the base of the MV8 valve and a rear cap that is standard of Flat 1 products. The strength of the magnet allows it to be mounted to any magnetic surface, increasing its flexibility. Adding flexible "stay in place" tubing to the outlet port provided a ready-made solution that any machinist can use right out of the box. This cost effective solution can also be modified as a venturi type application to provide a constant coolant mist.

Benefits:

- Can be mounted practically anywhere.
- Low cost and low maintenance.
- Can be used with air or modified to be used in a venturi type application, providing a constant coolant mist.
- Available with clamping design in place of magnet.

Other Applications:

- Window & Door
- Molding
- Woodworking

