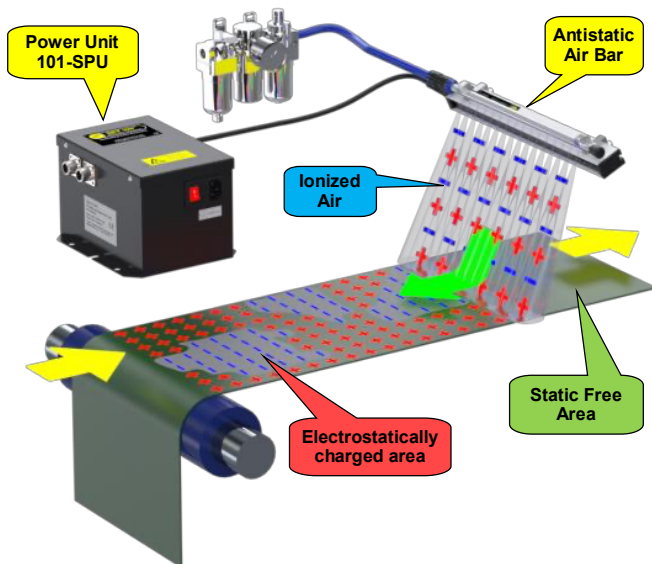
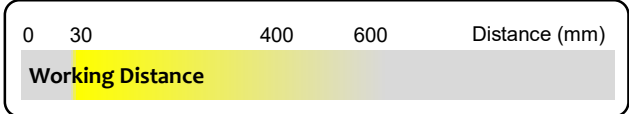


# Ionized Air Products

## Model 220 and 221 Antistatic Air Bars

Model 220 - 221 Antistatic Air Bars are the pipe type air blown model of Model 200 - 201 Antistatic Bars. Compressed air tube extends the effective static elimination of the bar range up to 500mm.

Besides long distance ionization, the air bar is used for three-dimensional products, restricted areas or products which moves in the position. It also allows for part and surface blow-off, eliminating dirt and dust contamination.



### How It Works

Ionized air of a standard AC static eliminator has a short life (typically about 2 seconds) before it becomes ordinary air. In this time ions can go to max 150-200mm. This time scale limits the range of ionizer bars.

The Air Bar uses a flow of compressed air to transport the ionized air to the object within 2 seconds.

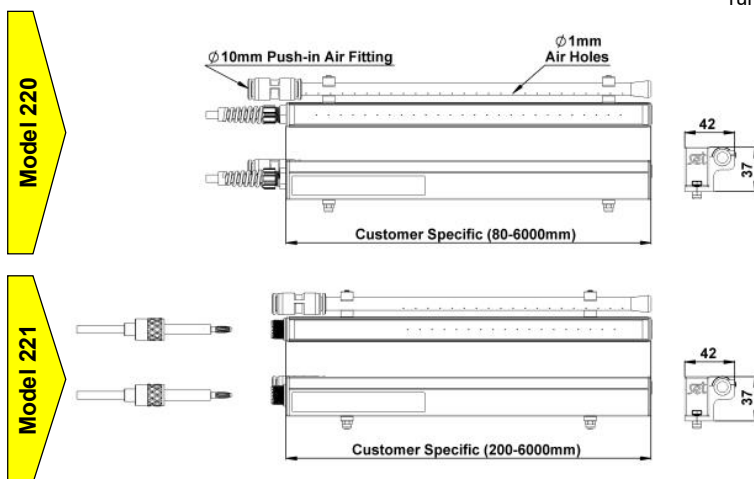
The ionized air travels at a 45° angle to the pins of the bar. Ø10mm push-in air fitting is used for air connection.

### Air Specifications

The compressed air should be clean and dry. The normal operating air pressure is 0.5 - 2 Bar, depending on the length of the Bar. A typical pressure is 0.8 Bar to achieve an air flow of 2 m/sec on 500 mm long Air Bar. The maximum air pressure is 7 Bar.

The air consumption will depend on the length of the bar and the pressure of the compressed air. (For Exp; for 500mm long bar: 40lit/min - 0.8bar)

For purely static neutralisation applications, please also consider our Model 500 Ionised Air Blowers which have lower running costs.



### Standard and Optional Specifications

It has all the features and options of 200 - 201 Antistatic Bars.

Please refer to the technical documentation for Model 200-201 Bar for further information.

