

# 4300

## In-Line Nozzle

*Model 4300 is an in-line compressed air ionising nozzle, for use where the ionisation of an existing air supply, in an ordinary compressed airline, is required.*



### Benefits and Advantages

- The Model 4300 is designed for use at or close to the discharge end of an air line. It is not a high pressure product and is not designed to be closed within a high pressure system. It should be on the discharge side of the control valve.
- Easy to install with barbed fittings for 12mm airpipe supplied. Alternatively the female 1/4 BSP threads can be used for the customer's airfittings. The airfittings must be plastic and as large as practical - ionised air does not live long in small pipes.
- This system can be used where compressed air is deployed to remove electrostatic contaminants or air separation systems fitted to sheet feeding decks.

### How it works:

The air passing through the stainless steel cylinder is ionised and so capable of neutralising static charge.

It must be positioned as close as possible to the end of the pipework to minimise recombination of ions.



<b>Air:</b>	The air should be clean and dry. Moisture in the air will seriously interfere with the operation of the equipment and can cause irreparable damage.
<b>Air Connections:</b>	The Air Connector on the nozzles is 1/4 BSP with connector for a 10mm ID flexible pipe. The air flow from the Nozzle may be from either end.
<b>Cable:</b>	2m of HT Cable is standard, unless otherwise specified.
<b>Power Unit:</b>	Use with Fraser 5.5kV Power Units - see Datasheets.

4300 DS Iss 1