



aerospace  
climate control  
electromechanical  
filtration  
fluid & gas handling  
hydraulics  
**pneumatics**  
process control  
sealing & shielding



## Features/Advantages/Benefits

### P3X Series Moduflex Lite

### Air preparation system



ENGINEERING YOUR SUCCESS.

# P3X Series Moduflex Lite

## Features and Benefits

### Features

Fibre reinforced high tech polymer construction



### Advantages

Corrosion resistant, Suitable for aggressive media & environments.

Environmentally friendly, no further protective dipping and/or painting required.

Ultra lightweight, up to 45% lighter than traditional materials.

### Benefits

Reduces procurement costs for the user by switching from more expensive alternative materials.

Recyclable design, enhances image, user can demonstrate their environmental responsibilities.

Will reduce the overall weight of the machinery, potential savings on materials, tooling & freight costs.

### Features

One universal polymer bowl with a wide pressure & temperature capability



### Advantages

Reduces inventory complexity in the manufacturing & sales channel.

Reduces stock obsolescence risks.

### Benefits

Avoids potential expensive application mistakes. Simplifies & reduces the procurement costs.

Frees up capital (reduces redundant stock accruals).

### Features

Polypropylene inner bowl & sight glass



### Advantages

Compatible with many compressor additives & wash down solvents.

### Benefits

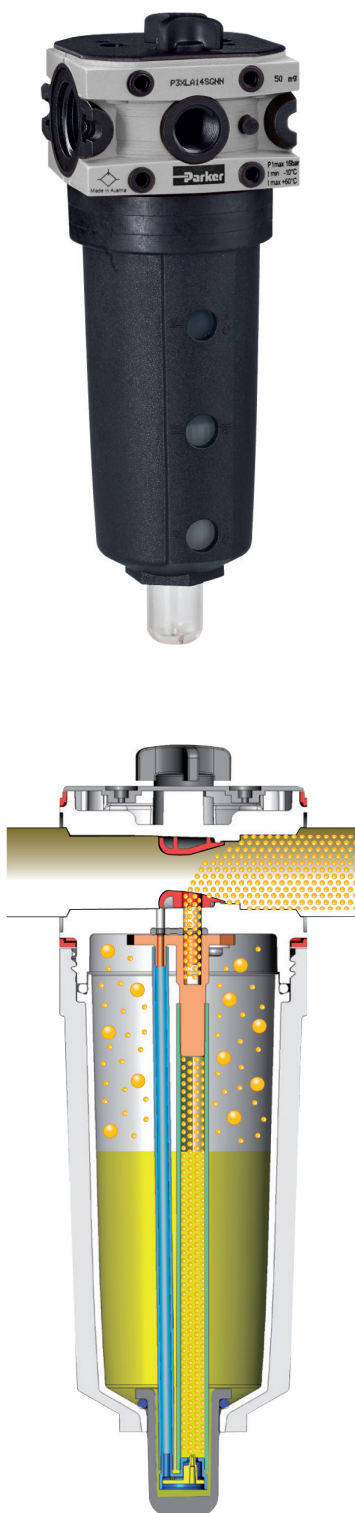
Simplifies & reduces the procurement costs for the user by switching from more expensive alternative materials (Utilising standard products to cover wider breadth of applications).

# P3X Series Moduflex Lite

## Features and Benefits

### Features

Patented Nano Lubrication technology



### Advantages

The oil volume is automatically adjusted to the flow rate (With conventional lubricators if the demand changes the quantity of oil dispensed still remains constant).

No conventional drip control setting which prevents unauthorised adjustments.

### Benefits

This ensures that there is neither too little nor too much oil in the system which improves efficient utilisation and reduces waste (clear economic & ecological benefits).

Ensures that the oil is delivered to the application at the most efficient setting improving productivity & eliminating waste.

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### Advantages

Oil mist particles are reduced to 200 nano meters enabling the oil mist to travel up to 40m along the airline.

### Benefits

Ensures the lubrication is delivered in a smooth and efficient manner to the application, providing maximum efficiency to the production even in long supply lines.

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### Advantages

Allows lubrication oil to be refilled from the top under system pressure.

### Benefits

Enables maintenance without downtime of production.

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### Advantages

2 variants (5 & 50 mg/m<sup>3</sup>) with preset oil delivery rates.

### Benefits

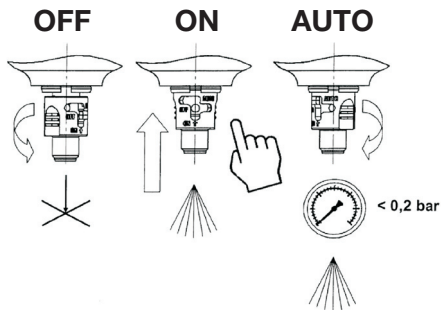
Can extend the life of pre-lubricated pneumatic components by 30% & provide precise lubrication of air driven tools to comply with the levels recommended by the manufactures, ensuring maximum tool efficiency.

# P3X Series Moduflex Lite

## Features and Benefits

### Features

Combined manual & semi-auto drain



### Features

Injection moulding design with improved flow paths



### Features

Threaded bowl connection



### Advantages

Provides flexibility for user. Enables user to select the best option to suit the application.

### Benefits

Simplifies & reduces the procurement costs (reduced number of part numbers).

### Advantages

High flow to size ratio, enables users to downsize from larger competitor products.

### Benefits

Users can save on procurement costs and potentially installation costs (smaller package in machine).

### Advantages

Ensures security when air pressure is applied.

### Benefits

Provides maximum safety when installed ensuring production is not compromised.

# P3X Series Moduflex Lite

## Features and Benefits

### Features

Modular manifold



### Advantages

Provides up to 3 additional outlet ports, It can be positioned anywhere in a FRL combination or as a stand-alone product.

### Benefits

Enables user to simplify the circuit potentially reducing costs by utilizing the additional air take off ports.

### Features

Rolling Diaphragm



### Advantages

Reduces wear points with low hysteresis.

### Benefits

Provides longer service life than flat disc diaphragms with accurate pressure regulation.

### Features

Concealed pressure relief hole (Regulator & Filter/Regulator)



### Advantages

Reduces the risk of water or dirt ingress.

### Benefits

Provides extra security potentially increasing the service life in many applications.

### Features

Key lockable tamperproof regulator



### Advantages

Prevents unauthorised adjustment of pressure.

### Benefits

Assures security and the efficient pressure setting for the application.

# P3X Series Moduflex Lite

## Features and Benefits

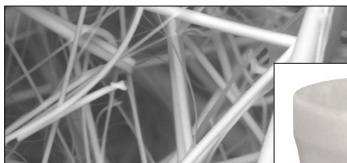
### Features

#### Excellent water displacement



### Features

#### High efficiency depth filter element



### Features

#### Pad lockable shut-off valve



### Advantages

> 90% water removal efficiency over the full flow range. (Helps to remove a major contaminant from the compressed air system).

### Benefits

Improves the efficiency of the application, extends the life of downstream equipment (improving productivity and reducing downtime/ maintenance costs).

### Advantages

Prevents dirt ingress whilst ensuring the pressure drop is kept to a minimum.

### Benefits

Assures maximum protection, extending the service life of downstream equipment.

### Advantages

Facility to lock off air supply when carrying out maintenance on downstream equipment.

Modular design to combine with the air preparation products.

Can be positioned anywhere in the combination.

### Benefits

Dumps downstream pressure and complies with safety regulations.

Keeps all air preparation functions in one modular assembly providing for quick and easy installation & maintenance.