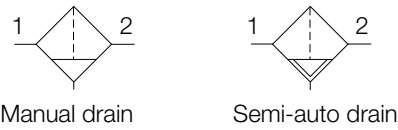


P3L Lite Particulate Filter



Symbols



- Integral 1/4 ports (BSPP & NPT)
- High efficiency 5 micron element as standard
- Excellent water removal efficiency
- Robust but lightweight construction
- One hand operation for easy element cartridge removal

Options:

P3L

FA

2

P

N

Thread type	
BSPP	1
NPT	9

Port size	
1/4	2

Bowl type	
Poly bowl	P

Mounting	
No bracket *	N

\* for individual mounting bracket see page:19

Element	
5µ Element	E
40µ Element	G

Drain type	
Manual push	P
Semi-auto	S

Port size	Description	Order Code	Flow dm³/s *	(scfm) *	Max bar (psi)	Height mm (Inches)	Width mm (Inches)	Depth mm (Inches)
1/4"	Poly bowl - Manual drain - 5µ	P3LFA12EPPN	30.5	(65)	10 (150)	115 (4.52)	40 (1.58)	40 (1.58)
1/4"	Poly bowl - Semi-auto drain - 5µ	P3LFA12EPSN	30.5	(65)	10 (150)	115 (4.52)	40 (1.58)	40 (1.58)
1/4"	Poly bowl - Manual drain - 40µ	P3LFA12GPPN	30.5	(65)	10 (150)	115 (4.52)	40 (1.58)	40 (1.58)
1/4"	Poly bowl - Semi-auto drain - 40µ	P3LFA12GPSN	30.5	(65)	10 (150)	115 (4.52)	40 (1.58)	40 (1.58)

\* flow with 10 bar (145 psi) inlet pressure and 1 bar (14.5 psi) pressure drop.

PDE2661TCUK  
**P3L Lite Series Air Preparation System**

## Specifications

Flow Capacity	1/4	30.5 dm³/s (65 scfm)
Operating Temperature	0°C (32°F) to 50°C (122°F)	
Max Supply Pressure	10 bar (150 psi)	
Standard Filtration	5 Micron	
Useful Retention	12 cm³ (0.4 US oz.)	
Port Size	BSPP / NPT	1/4
Weight	0.11 kg (0.24 lbs)	

\* Inlet pressure 10 bar (145 psi). Pressure drop 1 bar (14.5 psi).

### Air quality:

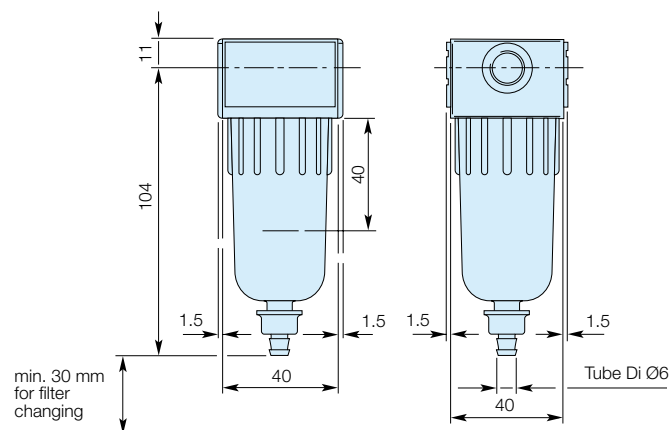
Within ISO 8573-1: 1991 Class 3 (Particulates)

Within ISO 8573-1: 2001 Class 6 (Particulates)

## Materials of Construction

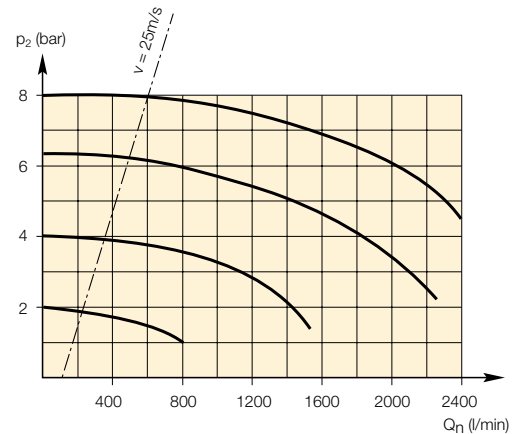
Body	High Tech Polymer
Bowl	Polycarbonate
Element Retainer	POM
Baffle	POM
Filter Element	Sintered Polyethylene
Seals	Nitrile

## Dimensions



## Flow Charts

### 5µ Filter



## Repair and Service Kits

Plastic bowl / semi-auto drain	<b>P3LKA00BPS</b>
5µ particle filter element	<b>P3LKA00ESE</b>
40µ particle filter element	<b>P3LKA00ESG</b>
Individual mounting bracket - P3LFA / P3LLA	<b>P3LKA00MW</b>