

Oxygen filters

PMH D Ox 10-2425



When it comes to O₂, you can't afford to compromise on quality. With a Pneumatech oxygen generation system, you don't have to. That includes our premium PPOG HE PSA oxygen generator, but also all the filters that go with it. Our PMH D Ox filter range was designed, built and cleaned especially for oxygen service to meet the most stringent cleanliness and safety standards. Easy to service and highly efficient, Pneumatech oxygen filters give you industry-leading performance and peace of mind.

Features and benefits:

- **Market-leading performance:** Custom-engineered filtration media deliver premium performance that meets quality standard ISO 8573-1:2010 with a significantly reduced pressure drop
- **Corrosion protection:** Internal and external electrophoretic paint finish and a tough exterior polyester powder coating
- **Easy service:** Externally accessible drain, profiled bowl design, and unique push fit elements ensure quick and reliable maintenance
- **Flow-optimized design:** Advanced filter head design for optimized flow performance
- **Suitable for oxygen service:** Oxygen filters are specifically designed, cleaned, and packaged to ensure all combustible components are removed from the filter to prevent risk of ignition in oxygen-enriched applications
- **Product safety in mind:** Guaranteed safe housing closure with rotational safety stop
- Dedicated manufacturing line to ensure cleanliness

General Specifications

- Dust particle removal down to 0.01 micron
- 10 to 2425 Nm³/h oxygen flow
- Maximum working pressure 20.7 Barg
- Pressure drop <125 mbar
- Cleaned for oxygen in accordance with ASTM G93

Complete O₂ systems for a wide range of applications



PPOG 2-18 HE oxygen generator

30% more efficient than traditional oxygen generators, Pneumatech's PPOG HE gives you the oxygen volume, purity and reliability you need at a massively reduced cost and a smaller environmental footprint.

LV270-3000 oxygen vessels

Our full range of oxygen vessels (270 to 3000L) are built and cleaned for safe oxygen use and are compliant with international standards and regulations.

PMH D Ox 10-2425 oxygen filters

Pneumatech oxygen filters remove particles down to 0.01 micron. Thanks to their premium filtration media and filter design, you enjoy optimized performance, safety and easy service.

Applications



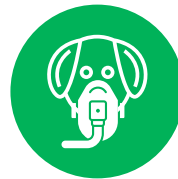
Biogas



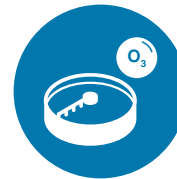
Fish farming



Oxygen therapy



Vet clinics



Ozone



Metal and glass treatment

Technical Specifications for PMH D Ox 10-2425

Filter name	PMH D Ox 10	PMH D Ox 25	PMH D Ox 40	PMH D Ox 50	PMH D Ox 80	PMH D Ox 110	PMH D Ox 140	PMH D Ox 170	PMH D Ox 200	PMH D Ox 280	PMH D Ox 450	PMH D Ox 515	PMH D Ox 645	PMH D Ox 725	PMH D Ox 1130	PMH D Ox 1370	PMH D Ox 1450	PMH D Ox 2020	PMH D Ox 2425	
Grade	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
Rated flow (m ³ /h)	10	25	40	50	80	110	140	170	200	280	450	515	645	725	1130	1370	1450	2020	2425	
Conn. G/NPT "	1/8	1/4	1/4	3/8	1/2	1/2	3/4	1	3/4	1	1 1/4	1 1/2	1 1/2	2	2	2 1/2	3	3	3	
Drain conn. "	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
Drain	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
A (mm)	50	50	70	70	70	127	127	127	127	127	140	140	170	170	170	220	220	220	220	
B (mm)	17	17	23	23	23	32	32	32	32	32	41	41	53	53	53	70	70	70	70	
C (mm)	157	157	231	231	231	285	285	285	370	370	476	476	508	508	708	736	736	857	1005	
D (mm)	60	60	70	70	70	80	80	80	80	80	85	85	100	100	100	100	100	100	100	
Weight (kg)	0.3	0.3	0.6	0.6	0.6	1.7	1.7	1.7	2	2	3	3	4.9	4.9	5.5	10.5	10.5	11.5	12.5	

