

## Inline Filtration

Peerless branded filters have been specifically developed for high efficient removal of solid particles, water, oil aerosols, hydrocarbons, odour and vapours from compressed air systems. To meet the required air quality, the appropriate filter must be selected.

Applications for these filters include;

- General Industry
- Breathing Air
- Electronics
- Food & Beverage
- Chemical
- Automotive
- Spray Painting
- Sandblasting



Choosing the correct inline filtration can greatly impact your business, saving you valuable time and also money.

It is essential to make sure your equipment is protected from contaminants in your compressed air system which can result in downtime of equipment, the enemy of any business. Not utilising filtration can also impact the quality of your work – spray painting is a great example of this with water and oil particles greatly impacting the end result.

Peerless' new range of inline filtration is here to simplify knowing what you

require and also where the filtration is required.

The 1MICRON, 0.1MICRON and 0.01MICRON filters are what is known as Borosilicate Micro Fibres. This material is known to be one of the most efficient material for capture and removal of particles and aerosols. At Peerless we strive to only use the highest quality materials and latest technology.

From start to finish we have everything you will need for your compressed air system removing the hassle of going through multiple business' for a lower outcome.

## Breathable Filtration



With increasing Worksafe regulations (AS/NZS1715) breathable filtration in compressed air systems is becoming more and more important. Along with some other preventative measures Respiratory protective equipment (RPE) is amongst the forefront. Our breathable filtration system offers a space saving and economical solution to the usual multi-stage filter sets.

Using this technology, the air is efficiently directed through two grades of oil removal elements with fewer direction changes. This reduces pressure drop whilst treating the air and meeting Australian breathing air standards.

## Wall Mounting Brackets

Wall mounting brackets are now available for this range of inline filtration. This allows for mounting the filters if they are using a flexible air hose which can't support the weight.

Contains;

4 x Bolts & Washers

2 x Brackets



## Water Trap Filter Regulator

A copper filtration system is also easy to clean and maintain. Unlike paper water traps this can be reused. Auto water drain will also help remove some moisture from the air lines.



CODE	MODEL	WORKING PRESSURE	AUTO WATER DRAIN	FILTRATION	THREAD BSP
C175-44	ET200	0 - 145 PSI	YES	COPPER	1/4" FEMALE
00520	ET250	0 - 145 PSI	YES	COPPER	1/4" FEMALE
00520-FV	ET250 - FV	0 - 145 PSI	YES	COPPER	1/4" FEMALE
00515	EHP300	0 - 175 PSI	YES	COPPER	1/4" FEMALE
00523	EHP400	0 - 175 PSI	YES	COPPER	1/2" FEMALE
00524	EHP500	0 - 175 PSI	YES	COPPER	3/4" FEMALE

## Inline Auto Drain Trap

When running long lines or in high humidity areas it is important to employ the use of an inline water drain trap. It is recommended to install one every 20M of airline.



CODE	MODEL	WORKING PRESSURE	AUTO WATER DRAIN	THREAD BSP
00502	INLINE AUTO DRAIN	0 - 175 PSI	YES	1/4" FEMALE

## Automatic Tank Water Drains

Removing moisture from your tank will make it much easier to manage in your airlines. Automatic tank water drains assist in this by bursting out a stream of air containing most of the moisture.



CODE	MODEL	WORKING PRESSURE	METHOD
00253	ELECTRONIC AUTO DRAIN	0 - 175 PSI	10 AMP PLUG OR HARD WIRED
00254	PNEUMATIC AUTO DRAIN	0 - 175 PSI	RELEASES BURST WHEN BUILT UP PRESSURE

## Breathable Filtration System

This unit is available in portable or wall mountable options, this filtration system exceeds the requirements of the AS/NZS1715 with regard to partial removal and oil carryover.



CODE	PIPE SIZE (BSP)	WORKING PRESSURE			OPERATING TEMP °C	REPLACEMENT ELEMENT	
		NM <sup>3</sup> /H	SCFM	LPM		0.01 MICRON	ACTIV. CARBON
00418	1/2"	78	46	1300	1.5 - 45	POSTE0078	00418-1*

WARNING - DOES NOT REMOVE CO OR CO<sub>2</sub> FROM THE AIR STREAM.

\* POSTE0078 element should be changed every 12 months, 2000hrs or at stated pressure drop, which ever comes first.

\*\* Activated Carbon must be changed at least every 6 months or if oil odour is noticed.

# PEERLESS

PRODUCTS PTY LTD

DESIGNED SPECIFICALLY FOR AUSTRALIAN CONDITIONS



# REFRIGERATION AIR DRYERS, INLINE FILTRATION & AIR RECEIVERS

We Are Air

www.PEERLESSPRODUCTS.com.au



PHONE 03 5434 4200 | FAX 03 5442 2129

EMAIL SALES@PEERLESSPRODUCTS.COM.AU

## Inline Filtration Higher Pre Filters

CODE	PIPE SIZE (BSP)	FLOW RATE			OPERATING TEMP °C	REPLACEMENT ELEMENT	
		NM <sup>3</sup> /H	SCFM	LPM		1 MICRON	3 MICRON
PREF0060	-1M -3M	3/8"	60	35	990	1.5 - 65	PREE0060-1M PREE0060-3M
PREF0078	-1M -3M	1/2"	78	46	1300	1.5 - 65	PREE0078-1M PREE0078-3M
PREF0120	-1M -3M	3/4"	120	70	1980	1.5 - 65	PREE0120-1M PREE0120-3M
PREF0198	-1M -3M	1"	198	116	3282	1.5 - 65	PREE0198-1M PREE0198-3M
PREF0335	-1M -3M	1"	335	197	5575	1.5 - 65	PREE0335-1M PREE0335-3M
PREF0510	-1M -3M	1 1/2"	510	300	8490	1.5 - 65	PREE0510-1M PREE0510-3M
PREF0780	-1M -3M	1 1/2"	780	459	12989	1.5 - 65	PREE0780-1M PREE0780-3M
PREF1000	-1M -3M	2"	1000	588	16640	1.5 - 65	PREE1000-1M PREE1000-3M
PREF1500	-1M -3M	2"	1500	882	24960	1.5 - 65	PREE1500-1M PREE1500-3M

### Filter Element Indicator

We recommend to also purchase the filter indicator gauge. This will remove any guess work regarding the life span of your filter element to keep your filtration up to scratch.

**Green = Good / Red = Replace element**



(FIL-INDICATOR)

### Higher Post Filters

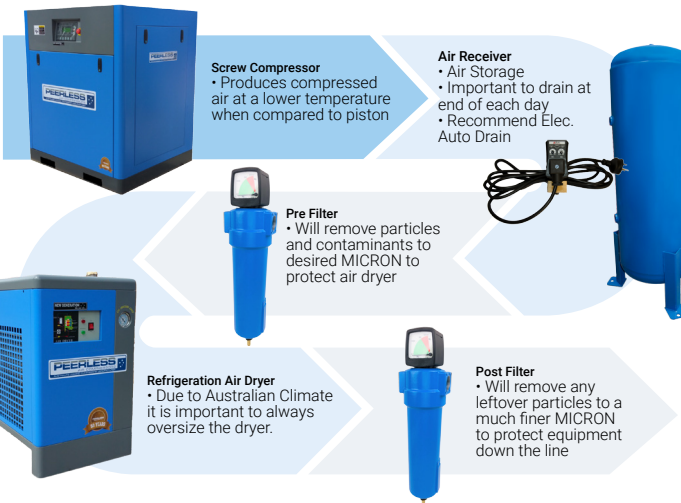
CODE	PIPE SIZE (BSP)	FLOW RATE			OPERATING TEMP °C	RESIDUAL OIL CONTENT	REPLACEMENT ELEMENT
		NM <sup>3</sup> /H	SCFM	LPM		MG/M <sup>3</sup>	0.01 MICRON
POSTF0060	3/8"	60	35	990	1.5 - 65	<0.01	POSTE0060
POSTF0078	1/2"	78	46	1300	1.5 - 65	<0.01	POSTE0078
POSTF0120	3/4"	120	70	1980	1.5 - 65	<0.01	POSTE0120
POSTF0198	1"	198	116	3282	1.5 - 65	<0.01	POSTE0198
POSTF0335	1"	335	197	5575	1.5 - 65	<0.01	POSTE0335
POSTF0510	1 1/2"	510	300	8490	1.5 - 65	<0.01	POSTE0510
POSTF0780	1 1/2"	780	459	12989	1.5 - 65	<0.01	POSTE0780
POSTF1000	2"	1000	588	16640	1.5 - 65	<0.01	POSTE1000
POSTF1500	2"	1500	882	24960	1.5 - 65	<0.01	POSTE1500

### Oil Separation / Higher Filtration

Filtering your compressed air with an Oil Separator is important to make sure your other inline filtration doesn't get saturated with oil particles. If this happens it will prevent them from properly doing their intended job.

CODE	PIPE SIZE (BSP)	FLOW RATE			OPERATING TEMP °C	RESIDUAL OIL CONTENT	REPLACEMENT ELEMENT
		NM <sup>3</sup> /H	SCFM	LPM		MG/M <sup>3</sup>	0.1 MICRON
OSEPF0060	3/8"	60	35	990	1.5 - 65	<0.1	OSEPE0060
OSEPF0078	1/2"	78	46	1300	1.5 - 65	<0.1	OSEPE0078
OSEPF0120	3/4"	120	70	1980	1.5 - 65	<0.1	OSEPE0120
OSEPF0198	1"	198	116	3282	1.5 - 65	<0.1	OSEPE0198
OSEPF0335	1"	335	197	5575	1.5 - 65	<0.1	OSEPE0335
OSEPF0510	1 1/2"	510	300	8490	1.5 - 65	<0.1	OSEPE0510
OSEPF0780	1 1/2"	780	459	12989	1.5 - 65	<0.1	OSEPE0780
OSEPF1000	2"	1000	588	16640	1.5 - 65	<0.1	OSEPE1000
OSEPF1500	2"	1500	882	24960	1.5 - 65	<0.1	OSEPE1500

When using a piston air compressor it is important to have an oil separator up stream from your dryer, otherwise it can void warranty.



### Air Receiver Tanks

Peerless boasts a full range of Air Receiver Tanks available to suit whatever your need may be. These can be fitted out however the end user requires giving a fully customisable experience to setting up your workshop or factory.

- Australian made tanks
- Manufacturers Data Report
- Comply with Australian Standards
- Work Cover NSW Plant Design registered
- Built for tough Australian conditions
- Ranging from 55L – 300L Vertical Tanks



**SEE PRODUCT CATALOGUE OR WEBSITE FOR MORE INFORMATION**

## Refrigeration Air Dryers

When buying an Air Dryer it is important to make sure you have the correct sized unit in order to properly eliminate any moisture.

This can change depending on your location (humidity and heat play a large role), the style of work you are carrying out and also the compressor itself.

- MIN 6 BAR - MAX 10 BAR
- MAX INLET TEMP. 80°C
- 45°C AMBIENT WORKING TEMP.
- 1.7 - 5°C DEW POINT
- ELECTRICITY: AC 220V / 50HZ / 1P



### Models

CODE	MODEL	COMPRESSOR HP	LPM	M <sup>3</sup> /H	CFM
HQ7.5D	HQ7.5 DRYER	1/2 HP	1000	60	35.5
HQ15D	HQ15 DRYER	3/4 HP	2000	120	70.6
HQ20D	HQ20 DRYER	1 HP	2500	150	88.3
HQ30D	HQ30 DRYER	1 1/2 HP	3800	228	134.2
HQ50D	HQ50 DRYER	1 3/4 HP	6500	390	229.6

### Technical Data

CODE	DIMENSIONS	WEIGHT (KG)	AIR IN / OUT THREAD
HQ7.5D	630 x 380 x 730 MM	55	1/2" BSP
HQ15D	750 x 480 x 780 MM	75	1 1/4" BSP
HQ20D	750 x 490 x 830 MM	93	1 1/2" BSP
HQ30D	1000 x 500 x 940 MM	115	1 1/2" BSP
HQ50D	1050 x 600 x 690 MM	198	2" BSP

### HQ Mini Dryer Air Cooled

Eliminate any water carry over into your tank or airtines with our specially designed HQ Mini Dryer. This unit comes with a handy 10 AMP plug or can be hard wired straight into your compressor power source.

Compact in design it is perfect for applications where a larger dryer isn't needed.



CODE	COOLING METHOD	DISCHARGE TEMP.	FILTRATION	FLOW RATE
HQMINID	AIR COOLED	18 - 25°C	CARBON / PAPER	25 - 450 LPM

#### KEEP IN MIND

When using a dryer with a **Piston Air Compressor** we recommend increase the air output by **2.5X** as the air produced is a lot warmer than that of a Rotary Screw or Oil-Less unit. Oil Separator is also required with piston compressors as oil carry-over is greater than a screw compressor. **Not using an Oil Separator will void warranty on Dryers.**