



domnick hunter
Australia

FILTRATION > the clear liquid or gas obtained after filtration.
verb (filtrated, filtrating) to & intr to filter. filtration noun.
ETYMOLOGY: 17c. from Latin filtrare to filter.

FILTRATION - PURIFICATION



BA43BP

Breathing Air Purifiers

1,000,000 times cleaner than the air we breathe



BA21B0

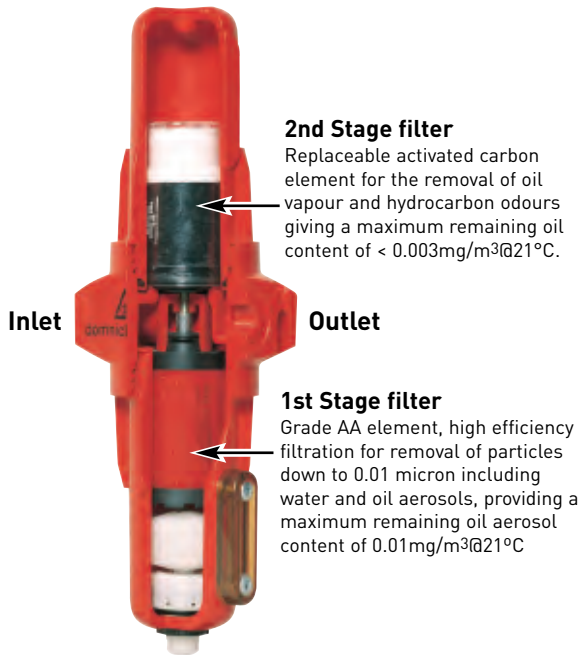


- **Alocrom aluminium treatment**
Corrosion treatment inside and out. Epoxy paint finish is baked on to give extra long life.
- **Die-cast filter housings**
Guaranteed for 10 years life under normal recommended use.
- **Breathing Air Application**
Designed to meet the air purity requirements of AS/NZS 1715:1994
- **Larger sizes available**
For multiple person systems
- **Genuine domnick hunter**
Replaceable filter element offering highest efficiency and guaranteed performance.
- **Sight glass**
Gives a visual check of liquid collection and drain function.
- **Co and Co2 removal systems**
are also available.
- **Automatic drain valve**
To remove condensate.

domnick hunter breathing air purifiers are ideally suitable for critical applications where only the finest quality compressed air is acceptable. For example: dental air, paint spraying, breathing air etc, where carbon monoxide (CO) and carbon dioxide (CO₂) contamination does not constitute a hazard. Supply can be taken from most sources of compressed air, either directly from the compressor or from the ring main.

These breathing air purifiers utilise two separate stages of air treatment combined together in one compact housing (Oil-Xplus grade AA/AC).

Where the air supply is particularly dirty, these purifiers can be supplied with additional Oil-Xplus grade AO filtration, and WS water separators.



Air tight

Positive 'O' ring seal prevents contamination

Chemical Resistant

Tough corrosion resistant end caps withstand the worst compressed air conditions.

96% Voids Volume

Gives long life with minimum energy costs.

High Efficiency

Anti re-entrainment barrier prevents oil/water carry over and is compatible with mineral or synthetic lubricants.

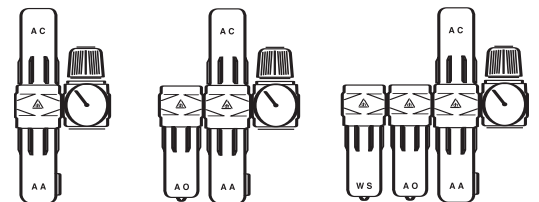
Silicone Free

For all critical applications.

Maximum Strength

Inner and outer stainless steel support screens and tie rod fixings give up to 10 bar Δ p.

| BA MODEL | no of persons | 2 stage filter | pre filter | water separator | regulator | gauge | inlet/outlet port | male thread inlet nipple | male thread outlet coupling | wall mtg bracket | carry frame |
|----------|---------------|----------------|------------|-----------------|-----------|-------|-------------------|--------------------------|-----------------------------|------------------|-------------|
| BA21B0 | 1-2 | ✓ | | | ✓ | ✓ | 1/4 | ✓ | ✓ | ✓ | |
| BA22B0 | 1-2 | ✓ | ✓ | | ✓ | ✓ | 1/4 | ✓ | ✓ | ✓ | |
| BA23B0 | 1-2 | ✓ | ✓ | ✓ | ✓ | ✓ | 1/4 | ✓ | ✓ | ✓ | |
| BA21BP | 1-2 | ✓ | | | ✓ | ✓ | 1/4 | ✓ | ✓ | | ✓ |
| BA22BP | 1-2 | ✓ | ✓ | | ✓ | ✓ | 1/4 | ✓ | ✓ | | ✓ |
| BA23BP | 1-2 | ✓ | ✓ | ✓ | ✓ | ✓ | 1/4 | ✓ | ✓ | | ✓ |
| BA41B0 | 2-4 | ✓ | | | ✓ | ✓ | 3/8 | ✓ | 2 | ✓ | |
| BA42B0 | 2-4 | ✓ | ✓ | | ✓ | ✓ | 3/8 | ✓ | 2 | ✓ | |
| BA43B0 | 2-4 | ✓ | ✓ | ✓ | ✓ | ✓ | 3/8 | ✓ | 2 | ✓ | |
| BA41BP | 2-4 | ✓ | | | ✓ | ✓ | 3/8 | ✓ | 2 | | ✓ |
| BA42BP | 2-4 | ✓ | ✓ | | ✓ | ✓ | 3/8 | ✓ | 2 | | ✓ |
| BA43BP | 2-4 | ✓ | ✓ | ✓ | ✓ | ✓ | 3/8 | ✓ | 2 | | ✓ |



| Model | Replacement element | | |
|--------|---------------------|--------|--------|
| BA21B0 | K009AA | K006AC | |
| BA41B0 | K017AA | K013AC | |
| BA22B0 | K009AO | K009AA | K006AC |
| BA42B0 | K017AO | K017AA | K013AC |
| BA23B0 | K009AO | K009AA | K006AC |
| BA43B0 | K017AO | K017AA | K013AC |

Deigned to meet the air purity requirements of AS/NZS1715:1994. Minimum breathing air supply requirement is 170L/min per person at the mask. Maximum design flow rate at 700 kPa inlet pressure is: 360 L/min for 1-2 person, 780 L/min for 3-4 persons.

WARNING: These units will not remove carbon monoxide (CO), carbon dioxide (CO₂) or other toxic gases or fumes. CO and CO₂ removal systems are available upon request. Consult your respiratory safety specialist for further advice on domnick hunter purifiers for these requirements.



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