

# OIL-X EVOLUTION BA Units

## High efficiency breathing air purifiers



## 1 Million times cleaner than the normal air we breathe

Particle removal down to 0.01 micron, including water and oil aerosols. Maximum remaining oil vapour content: 0.003mg/m3 at 21°C

domnick hunter breathing air purifiers are 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. Where the air supply is particularly dirty, these purifiers can be supplied with additional AO grade filtration, and WS water separators.

Model	No. of people	Water separator	Prefilter	2 stage filter	Regulator	Gauge	Port size	No. of couplings	Mounting bracket	Portable frame
BAE21B0	1-2			X	X	X	1/4	1	X	
BAE22B0	1-2		X	X	X	X	1/4	1	X	
BAE23B0	1-2	X	X	X	X	X	1/4	1	X	
BAE21BP	1-2			X	X	X	1/4	1		X
BAE22BP	1-2		X	X	X	X	1/4	1		X
BAE23BP	1-2	X	X	X	X	X	1/4	1		X
BAE41B0	2-4			X	X	X	3/8	2	X	
BAE42B0	2-4		X	X	X	X	3/8	2	X	
BAE43B0	2-4	X	X	X	X	X	3/8	2	X	
BAE41BP	2-4			X	X	X	3/8	2		X
BAE42BP	2-4		X	X	X	X	3/8	2		X
BAE43BP	2-4	X	X	X	X	X	3/8	2		X

Extra couplings available on request: BAE 2\*\*\* - standard 1 & option of 2. BAE 4\*\*\* - standard 2 & option of 4.

### BAE21B0 to BAE43BP

#### Low pressure system (up to 16 barg with auto drain)

Maximum Operating Pressure	16 bar g (20 bar g with manual drain)	232 psi g
Minimum Operating Pressure	1 bar g	15 psi g
Maximum Recommended Operating Temperature	30°C	86°F
Minimum Recommended Operating Temperature	1.5°C	35°F

#### 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.

## Replacement Elements

Model	Pre Filter	Unit Price \$	Coalescing filter	Unit Price \$	Activated Carbon	Unit Price \$
BAE21B0	-	-	010AA	196.00	010AC	111.00
BAE22B0	010AO	196.00	010AA	196.00	010AC	111.00
BAE23B0	010AO	196.00	010AA	196.00	010AC	111.00
BAE21BP	-	-	010AA	196.00	010AC	111.00
BAE22BP	010AO	196.00	010AA	196.00	010AC	111.00
BAE23BP	010AO	196.00	010AA	196.00	010AC	111.00
BAE41B0	-	-	015AA	295.00	015AC	135.00
BAE42B0	015AO	295.00	015AA	295.00	015AC	135.00
BAE43B0	015AO	295.00	015AA	295.00	015AC	135.00
BAE41BP	-	-	015AA	295.00	015AC	135.00
BAE42BP	015AO	295.00	015AA	295.00	015AC	135.00
BAE43BP	015AO	295.00	015AA	295.00	015AC	135.00

Note- The Water Separator does not have an element that needs replacing

Change (AA/AO Grade) elements every 12 months minimum or when odour or vapour is detected (AC Grade)



To maintain your guaranteed air quality, filter elements must be replaced every year with genuine domnick hunter parts. See page 20 for details

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 persons, 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.