



## Breathable Air Systems

Due to the increasing demand for improved environmental and safety control, Walker Filtration have compiled, from our standard filter products, a comprehensive range of wall and floor mounted (portable) Breathable Air products which are now widely available throughout Australia and New Zealand.

Carefully researched and tested to ensure high levels of performance and integrity, these breathable air filter products can be installed where pure breathable compressed air is required.

The filter packages offer filtration and oil removal efficiencies down to 0.01 micron particulate size and maximum oil carryover efficiencies to 0.003 mg/m<sup>3</sup> (0.003 ppm) offering the operator clean, particle

and liquid oil free air with the added benefit of taste and odour removal for improved user comfort and performance, exceeding the requirements of AS/NZS1715.

These modular system provide flexibility and reliability across a wide variety of applications such as;

- **Diving**
- **Shot Blasting**
- **Spray Painting**
- **Metal Spraying**
- **Welding**

Designed and manufactured to exacting standards, these units are widely available across Australia and New Zealand.



The ultimate filtration & drying technology

## Technical Specification

Multistage filtration packages specially designed for Breathable Air applications. Include pressure regulator and outlet manifold. Systems are available as wall mounted or frame mounted systems.

Model Number	Pipe Size	Flow Rate SCFM @ 7 Bar	Description	Up to Number of Persons (see note 1)
B20XAC-DBR	1/4"	15	0.01 micron coalescing and activated carbon filtration, Distribution Manifold, Regulator and mounting bracket	2
B30XAC-DBR	3/8"	30		5
B45XAC-DBR	1/2"	45		7
B20X1AC-DBR	1/4"	15	1 micron prefilter, 0.01 micron coalescing and activated carbon filtration, Distribution Manifold, Regulator and mounting bracket	2
B30X1AC-DBR	3/8"	30		5
B45XAC-DBR	1/2"	45		7
B20WX1AC-DBR	1/4"	15	Water Separator, 1 micron prefilter, 0.01 micron coalescing and activated carbon filtration, Distribution Manifold, Regulator and mounting bracket	2
B30WX1AC-DBR	3/8"	30		5
B45WX1AC-DBR	1/2"	45		7

1. Based on Breathing Air Standard AS/NZS1715 requirements of 170 l/min per man.
2. These systems do not remove toxic gases such as CO & CO2. Please contact Walker Filtration if you require toxic gas removal.
3. For application with higher flow rate, please contact Walker Filtration

### Specification

Partide Removal	0.01 Micron
Maximum oil carryover @ 20 DegC	0.003 mg/m3 (0.003ppm)
Maximum recommended temperature	25 DegC
Element Change X1/XA	8000 hours/12 months
Element Change AC	1000 hours/6 months
Maximum working pressure	10 Bar g

### Accessories

The above systems are wall mounted versions. For frame mounted add -F to part number eg. B20X1ACDBR-F

For outlet quick connect couplings add number of couplings followed by C eg. for system with 2 off couplings B20X1ACDBR-F-2C

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