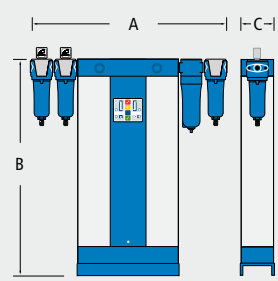


# BA breathing & medical air

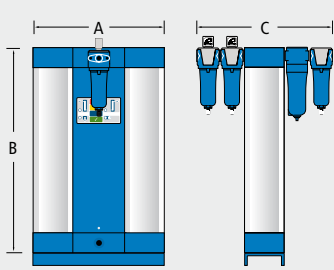
This product range has been designed to provide the user with a clean supply of compressed air, to ensure the safety of personnel operating in hazardous or contaminated conditions.

MARCH 2010

model	pipe size	inlet flow rate		outlet flow rate		dimensions (mm)			weight Kg
		Nm <sup>3</sup> /h	SCFM	Nm <sup>3</sup> /h	SCFM	A	B	C	
BA025	½	42	25	34	20	580	1045	92	30
BA035	½	59	35	48	28	580	1440	92	37
BA045	¾	76	45	61	36	520	660	645	64
BA055	¾	93	55	75	44	520	760	645	70
BA065	¾	110	65	88	52	520	860	645	75
BA085	1	144	85	116	68	520	1060	645	86
BA105	1	178	105	143	84	520	1370	645	102
BA135	1	229	135	184	108	520	1570	645	116
BA175	1	297	175	238	140	520	1970	645	137



BA025 to BA035



BA045 to BA175

model	element models and price			
	X1	XA	HC	AC
BA 025	E511X1	E511XA	E521HC	E511AC
BA 035	E511X1	E511XA	E521HC	E511AC
BA 045	E711X1	E711XA	E811HC	E711AC
BA 055	E711X1	E711XA	E811HC	E711AC
BA 065	E711X1	E711XA	E811HC	E711AC
BA 085	E811X1	E811XA	E831HC	E811AC
BA 105	E811X1	E811XA	E831HC	E811AC
BA 135	E731X1	E731XA	E831HC	E731AC
BA 175	E731X1	E731XA	E831HC	E731AC

## specification

Maximum operating pressure	16 barg	232 psig
Minimum operating pressure	4 barg	58 psig
Maximum recommended inlet temperature	30°C	86°F
Minimum inlet temperature	1.5°C	35°F
Power supply	12VDC to 24VDC	100VAC to 240VAC

### technical notes

- Breathing and medical air must be installed and maintained in accordance with local regulations and standards.
- Self relieving air pressure regulators are used with 0 to 16 barg (0 to 232 psig) pressure gauges and can control the outlet air pressure between 2 and 16 barg (29 and 232 psig).
- Wall mounted version is supplied complete with mounting brackets.
- Manifold outlet connection are ¾", supplied complete with blanking plugs.
- Standard models operate at 7 barg; for other pressures, add suffix e.g. BA045R12 for 12 barg operation.
- For NPT versions, replace R with N in model number e.g. BA045N.
- Standard models supplied with pressure gauges, electronic fault alarm and diagnostic controller.
- Standard models supplied with 100-240 VAC at 50-60Hz or 12VDC to 24VDC.

### Complete system packaging price

model
BA025
BA035
BA045
BA055
BA065
BA085
BA105
BA135
BA175

### Packaging specifications

Breathing air purifiers are supplied in a timber framed 12mm plywood crate, suitable for international transportation. Each crate has a foam lined interior to protect dryer from transit damage.

