

# AIR BREATHING EQUIPMENT

These systems are available as a complete respiratory protection system for paint spraying or industrial applications.

All these systems are fully CE approved and offer the ultimate in comfort and protection although they have still been designed to provide easy spare parts replacement when necessary.

**WARNING** - The filters DO NOT remove carbon monoxide or other toxic gases. For air quality consult BS4275 1997. Please monitor and maintain a protective programme in accordance with the statutory regulations.

## BAKIT 1 (A+B+C)

- Complete kit featuring the VIZ4 mask containing all required equipment for user's first system
- All components can be purchased separately
- Kit consists of:
  - VIZ4 (A)** - Full face mask with waist belt, regulator and activated carbon filter
  - KBH10516 (B)** - 10m & 1.5m pack of breathing hose Complete with required euro high flow couplings, adaptors and twin couplings
  - 34203425 (C)** - Coalescing filter 1/2"

## VIZ4 - Full Face Mask (A)

- Acetate high quality visor to BS.EN270 approved (formally TM14/7.45 Issue 7) APF40 Impact EN166.F
- Includes comfortable waist belt assembly consisting of regulator, carbon filter and flow indicator
- Light, comfortable, with easily adjustable headstraps, can be worn for long periods without problems
- Hoses positioned not to pull when in use
- Dismantles easily for cleaning, disinfecting and easy replacement of spare parts
- Air supply is through a waist belt with factory pre-set regulator to provide a safe flow of air when the inlet pressure is a minimum of 60 psi (4 bar)
- Flow indicator to waist belt carbon filter to indicate airflow, leakage, contamination to filter and blockage of the hose to the mask
- Belt fitted with active carbon filter to remove paint, thinner, oil vapours and odours
- Filter cartridge to be replaced when user detects odour breathe through, or every 400 hours of operation (typically every 2 months)
- White indicator pad in the filter shows red when bulk oil contamination



## KBH10516 - Breathing Hose Pack (B)

- Complete hose kit
- Includes 10 metre supply hose (1/2" BSPT male supply)
- All required quick release high flow couplings included, with Y piece
- 1.5 metre hose to spray gun (1/4" bsp female)

## 34203425 - Coalescing Filter 1/2" (C)

- Contaminated air enters and passes inside the filter element water and oil are coalesced into larger droplets which are held in the outer drainage layer until drained by gravity
- All solid rust and dust particles are trapped within the pleated glass micro filter medium
- The medium is water repellent due to impregnation thus the filters will operate at a much lower pressure drop
- The filter will remove particles down to 0.01 micron and oil mist
- Now fitted with bowl guard as standard

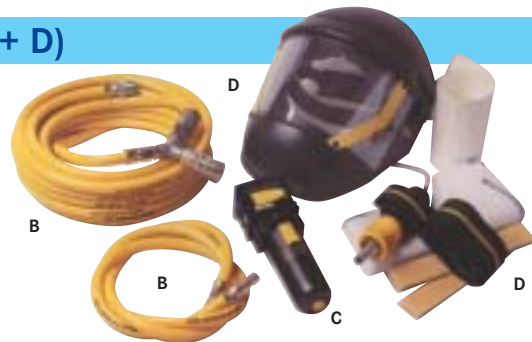
## VIZ4 - Spare Parts and Components

- 2114129 Acetate screen, head assembly & air tubes
- 2215089 Face skirt
- 0305119 Sweat band brow
- VC10PK Peel-off covers (pkt of 10)
- 2115079 Acetate screen
- RFI136 Waist belt assembly
- 97800145 Bowl for waist belt filter
- 26PC2646 Carbon element for waist belt filter
- MR120814 Push in connector (to visor from waist belt)
- GU26200014 Inlet connector
- 996W20C001G Flow indicator
- MP320018 Seal washer for flow indicator



## BAKIT2 – Full Face Mask & Waist Belt Assembly (B + C + D)

- Complete kit featuring the Kolibri mask containing all required equipment for user's first system
- All components can be purchased separately
- Kit consists of:
  - KOLIBRI (D) - Full face mask with waist belt, regulator and activated carbon filter
  - KBH10516 (B) - 10m & 1.5m pack of breathing hose with required euro high flow couplings
  - 34203425 (C) - Coalescing filter 1/2"



## KOLIBRI – Full Face Mask & Waist Belt Assembly (D)

- Modern and aesthetically designed full face airfed spray helmet
- Manufactured from Thermoplastic to offer a strong, lightweight helmet for greater operator comfort
- Concentrates vision of operator onto work area – reducing light reflections etc.
- Fully washable face and head seal, easily removed and replaced offering increased operator comfort. Disposable Visors System allowing removal during operation
- Replaceable sweatbands
- Quick release adjustable belt
- Extremely cost effective
- CE approved
- EN 1835
- Class LDH2

### Inline Airflow Regulator & Filter

#### Features

- Slim and low profile:
- Built-in activated carbon filter:
- Precise flow adjustment:
- Friction flow control:
- Modern design:
- In-line adjustment:

#### Benefits

- no catching
- operator safety
- wearer comfort
- simple operation
- operator acceptance
- no unintended readjustment

### Kit consists of:

- Kolibri full face mask
- In-line regulator and activated carbon filter mounted on waist belt
- Two spare sweatbands (part number: 161472)
- Ten spare peel off covers (part number: 160730 supplied in a pack of 100)
- Three disposable hoods (part number: 160251)

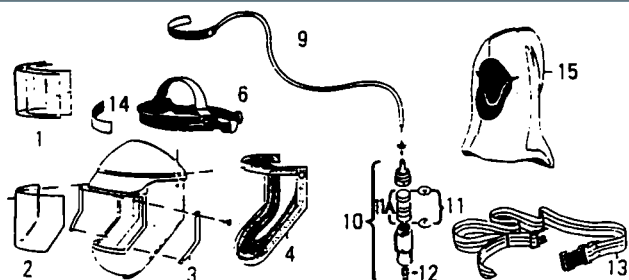
## KBH10516 – Breathing Hose Pack (B)

- Complete hose kit Includes 10 metre supply hose (1/2" BSPT male supply)
- All required quick release high flow couplings included, with Y piece
- 1.5 metre hose to spray gun (1/4" bsp female)

## 34203425 – Coalescing Filter 1/2" (C)

- Contaminated air enters and passes inside the filter element, water and oil are coalesced into larger droplets which are held in the outer drainage layer until drained by gravity
- All solid rust and dust particles are trapped within the pleated glass micro filter medium
- The medium is water repellent due to impregnation thus the filters will operate at a much lower pressure drop
- The filter will remove particles down to 0.01 micron and oil mist
- Now fitted with bowl and guard as standard

Spare parts			
Part No.	Drawing No.	Description	Quantity/ pack
160730	1	Disposable visor covers	100
160741	2	Acetate visor	1
160666	3	Clamps for visor covers	1 pair
160137	4	Face seal	1
160211	6	Head band	1
161310	9	Hose 6mm with silencer	1
160674	10	In-line regulator, hose nipple & air inlet nipple without filter	1
160147	11	Silencer for in-line regulator	1
160048	11a	Activated Carbon Filter	1
AA7102	12	Air inlet nipple	1
160693	13	Waist belt	1
161472	14	Sweat band	10
160251	15	Disposable hood	10



## HM1 – Half Mask & Waist Belt Assembly

- Compact and comfortable half mask system to protect the nose and mouth area
- Includes adjustable waist belt assembly consisting of regulator, carbon filter and flow indicator
- Hoses positioned not to pull when in use
- Dismantles easily for cleaning, disinfecting and easy replacement of spare parts
- Air supply is through a waist belt with factory pre-set regulator to provide a safe flow of air when the inlet pressure is a minimum of 60 psi (4bar)
- Flow indicator to waist belt carbon filter to indicate airflow, leakage, contamination to filter and blockage of the hose to the mask
- Belt fitted with active carbon filter to remove paint, thinner, oil vapours and odours
- Filter cartridge to be replaced when user detects odour breathe through, or every 400 hours of operation (typically every 2 months)
- White indicator pad in the filter shows red when bulk oil contamination



## TBS2 – Three Stage Breathing Air Set

- To provide quality breathing air to BS4275
  - The TBS2 is staged as below (all of these can be ordered separately)
- 34203003 – Pre filter 1/2" (Stage 1)**
- The fitted 5 micron element will extend the service of the coalescing filter (stage 2)
  - Fitted with bowl guard as standard

**34203425 – Coalescing filter 1/2" (Stage 2)**

- Contaminated air enters and passes inside the filter element, water and oil are coalesced into larger droplets which are held in the outer drainage layer until drained by gravity
- All solid rust and dust particles are trapped within the pleated glass micro filter medium
- The medium is water repellent due to impregnation thus the filters will operate at a much lower pressure drop
- The filter will remove particles down to 0.01 micron and oil mist
- Now fitted with bowl and guard as standard

**34263006 – Activated Carbon Filter 1/2" (Stage 3)**

- For removal of paint, thinners, oil vapours and odours
- Fitted with bowl guard as standard
- 34303003 Mounting bracket two per set

### Safety Warning

The TBS2 or any of its individual components will not remove carbon monoxide or other toxic gases

### Specifications

- Port Size: 1/2" bsp
  - Max. Airflow: 28cfm (792ltr/min)
  - Max Pressure: 150psi (10.3 bar)
- 97801731 Element for pre-filter (34203003)
  - 6342061 Element for coalescing filter (34203425)
  - 26PC39112 Element for carbon filter (34263006)
  - 97801838 Polycarbonate bowl and guard for 34203003 and 34203425
  - 97801778 Polycarbonate bowl and guard for 34263006
  - 34203054 \*Regulator 1/2"
  - PG20 Pressure gauge 0 -160psi, 1/8" bsp, back entry

\*Note: HC6898 union and PG20 gauge also required to connect regulator to TBS2



34203054

## JETSTREAM - Switch and Go

Jetstream™ a new dimension in powered air. A complete unit supplied on a Switch & Go™ basis, without the requirement to purchase additional extras, the product comprises: power unit, belt, charger, PVC headpiece, supply hose and flow meter and available with either 4 or 8 hour rechargeable cells. Jetstream™ contains an extra large capacity dust filter for protection from toxic dusts and other particulate hazards, while maintaining high flowrates.

Jetstream Application Guide	Hood	Faceshield	Helmet	Welding Visor
Agriculture	●	●		
Aluminium works			●	
Animal allergies	●			
Asbestos	Must have Quantative Face Fit Test Carried Out			
Building and construction			●	
Chemical plants		●	●	
Demolition and maintenance		●	●	
DIY	●	●	●	●
Electronic/PCB manufacture	●	●		
Flour mills and silos	●	●	●	
Food processing	●	●		
Foundries		●	●	
GRP manufacture	●	●		
Isocyanates	NOT suitable for use with Isocyanates			
Laboratories	●	●		
Lead processing			●	
Mining			●	
Nuclear			●	
Paint spraying (water based only)	●	●		
Pest control		●	●	
Petrochemical		●	●	
Pharmaceutical	●	●	●	
Purification and sewage	●	●	●	
Shipyards			●	●
Steel industry			●	
Textiles	●	●		
Tunnelling / Quarrying			●	
Waste disposal		●	●	
Welding				●
Wineries / Market gardens	●	●	●	

Optional accessories	
CBU61	Spare filter
CBH010	Helmet head unit
CBH020	Faceshield head unit
CBH030	PVC hood head unit
CBH040	Non-woven hood head unit
CBH050	Clear PVC hood head unit
CBH070	Chameleon welding shield cape
CBH060	Replacement welding shield cape
CBU150-001-100	Replacement helmet skirt
CBU170-001-100	Replacement faceshield skirt
CBU160-001-300	Replacement helmet visor
CBU180-001-300	Replacement faceshield visor
AUK200	Chameleon anti-splatter lens kit



Supplied hood



Faceshield



Helmet



## PR12 - Pressure Regulator

- Filter regulator twin 1/4" outlet
- Incorporating water trap, air filter and pressure gauge
- 1/2" inlet
- Reducing bush to 1/4" female HC6893 (optional extra)

## PR38 - Pressure Regulator

- 3/8" filter regulator twin 1/4" outlet
- Incorporating water trap, air filter and pressure gauge
- 3/8" inlet
- Reducing bush to 1/4" female HC6892 (optional extra)

## PR14A - Pressure Regulator

- 1/4" in line pressure regulator
- Automatic flow-pressure control
- Graduated scale to pre-set required pressure
- Gauge not required

## International Range

- For general purpose pneumatic applications e.g. valve and cylinder, air tools, pumps, air motors, hoists etc.
- All items except regulators are supplied with poly bowls and are fitted with dump valves

### Filters

- IF2D14 1/4" filter
- IF2D38 3/8" filter
- IF2D12 1/2" filter

### Regulators

- IR114 1/4" regulator
- IR138 3/8" regulator
- IR112 1/2" regulator

### Filter/Regulators

- IP2D14 1/4" filter/regulator
- IP2D38 3/8" filter/regulator
- IP2D12 1/2" filter/regulator

### Lubricators

- IL114 1/4" lubricator
- IL138 3/8" lubricator
- IL112 1/2" lubricator

## Miniature Range

- For use where space is limited and flow rates are low

### Filters

- MF218 1/8" filter
- MF214 1/4" filter

### Regulators

- MR218 1/8" regulator
- MR214 1/4" regulator

### Filter/Regulators

- MP218 1/8" filter/regulator
- MP214 1/4" filter/regulator

### Lubricators

- ML318 1/8" lubricator
- ML314 1/4" lubricator

## Pressure Gauges

- |         |        |           |                                        |
|---------|--------|-----------|----------------------------------------|
| PG15    | 1 1/2" | 0-160 psi | Pressure gauge for miniature range     |
| PG20    | 2"     | 0-160 psi | Pressure gauge for international range |
| 991L23D | 2"     | 0-160 psi | 1/4" bottom entry                      |
| 996L23D | 2"     | 0-160 psi | 1/4" back entry                        |
| 991L24D | 2"     | 0-200 psi | 1/4" bottom entry                      |
| 996L24D | 2"     | 0-200 psi | 1/4" back entry                        |
| 991L25D | 2"     | 0-300 psi | 1/4" bottom entry                      |
| 996L25D | 2"     | 0-300 psi | 1/4" back entry                        |

### Mounting brackets

- MB21 International range
- MB8 Miniature range - complete with ring

### Bowl guards

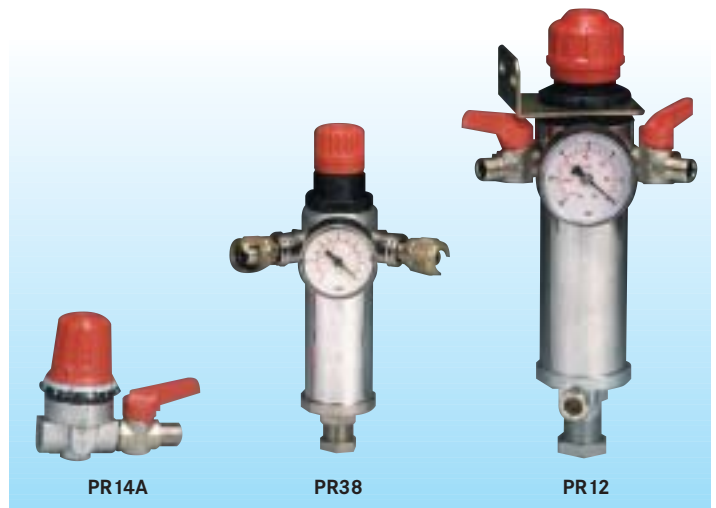
- A cheap, simple safety device

### Safety warning

- Regarding safety regulations, polycarbonate bowls which are used in atmospheres containing paint thinners, solvents, carbon tetrachloride or phosphate esters are dangerous without bowl guards. These substances cause weakening of the bowl which can then explode

BGI to fit IF2D, IP2D, 1L1

BGM to fit MF2, MP2, ML3



## Filter Regulator - AFR1

- Complete with mounting bracket and pressure gauge to 10 bar
- Automatic drain valve
- 20 Micron filter
- 10 bar maximum working pressure
- 1/2" bsp connection



## Filter Regulator Lubricator - AFRLC1

- Combination assembly
- All other specifications as AFR1 (above)



IP2D



PG20



MB21

