

The Compact, High Performance
Powered Respirator from Respirex

flopod™





The new Flo-Pod™ system from Respirix

A compact high performance powered respirator

The Flo-Pod is a simple to use powered air respirator for use against fine dust or particulate spray. Powered by a belt mounted rechargeable battery pack the Flo-Pod is designed to fit directly into the visor of compatible suits and hoods, allowing the user full operational freedom.

Designed from the outset to be comfortable and simple to use, the Flo-Pod requires little familiarisation prior to use and is lightweight and quiet in operation.

Product Features

- Low energy, low noise turbo designed for optimum flow with maximum comfort
- Performs a self-test on startup
- Four or eight hour rechargeable battery pack with intelligent fast charger
- Uses single P3 screw on filter
- Tested at altitude and high ambient temperature

Highly effective particulate filtration

- P3 Particle filter traps solid and liquid particles, e.g. dusts, smoke, mists, micro-organisms and radioactive particles
- Uses microfibre 'paper' media without any electrostatic filtering method. Marked 'R' for "reusable" (EN 143/A1:2006)
- High capacity filter element removes even the smallest particles with >99.99 % efficiency
- Water-repellent (hydrophobic) filter element





Compatible Garments

PVC Hood

- Manufactured in 150 micron PVC
- Balanced single sized design for performance and comfort
- Elasticated draw-string neck seal
- Adjustable chest strap with quick release buckle
- Low pressure balanced exhalation valves developed for maximum protection

One Piece Suit

- Manufactured in either lightweight 150 micron PVC, heavy duty 300 micron PVC or Blue Laminate (for chemical protection)
- Available in Small, Medium, Large and X-Large sizes
- Elasticated draw-string neck seal
- Horizontal zip on chest with cover flap
- Range of cuff and foot options
- Low pressure balanced exhalation valves developed for maximum protection



User Benefits

- More comfortable than a facemask and filter
- Can be worn by users with glasses or facial hair
- Wide field of vision
- Light weight blower and battery for greater comfort than conventional powered respirators
- Available as an easy don hood, or full suit for whole body protection
- Easy and intuitive to use:
 - Green light; Respirator operating correctly
 - Red light and audible alarm; Low air-flow or low battery power



Technical Specification

- Low flow warning if airflow drops below the Manufacturer's Minimum Design Flow (MMDF) of 130 l/m
- Noise level at the ear 68dBA with a clean filter
- EMC tested for compatibility with other electrical equipment
- Intelligent fast charger prevents battery overcharging or damage (charging in up to three or six hours depending on battery model)
- Low battery warning
- Approved to EN 12941:1998 +A2:2008 TH3P Respiratory protective devices, APF 40 NPF 500

Product Weights and Dimensions

	Weight (g)	Dimensions (mm)
Turbo	280 (ex filter)	105 x 60 (Ø,H)
Battery pack	415 / 600 (4 / 8 hour)	160 x 45 x 73 (W,D,H)
Charger	335	75 x 50 x 120 (W,D,H) Note: plug pins add up to 50mm to depth
Filter	93	110 x 45 (Ø,H), Plus 15mm thread height

Further details, including full product instructions, are available from www.flo-pod.com

Product Codes

Starter Kit:

- G08010/UK Kit with four hour battery (UK)
 G08011/UK Kit with eight hour battery (UK)
 (Contains blower unit, P3 filter, battery pack, belt, charger, spanner and instructions)

Consumables:

- F00893 P3 Filter
 G08002 Rechargeable four hour battery
 G08003 Rechargeable eight hour battery

Hood:

- FPH131 150 micron PVC

Suit with welded gloves and sock foot:

- FPS/0001/131 150 micron PVC
 FPS/0001/15 300 micron PVC
 FPS/0003/132 Blue Laminate

Suit with welded gloves and non-slip foot:

- FPS/0002/131 150 micron PVC
 FPS/0002/15 300 micron PVC
 FPS/0004/132 Blue Laminate

Suit with elasticated arms and legs:

- FPS/0005/131 150 micron PVC



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