



## > > > FENZY AERIS CONFORT TYPE 2

### SELF-CONTAINED BREATHING APPARATUS



The Fenzy Aeris Confort Type 2 is a self-contained compressed air breathing apparatus developed by Sperian Respiratory Protection France.

Specially designed for fighting fires, it fulfils the requirements of the most recent EN 137 standard, type 2 classification.

A general flame engulfment test is carried out on the Fenzy Aeris Confort Type 2 while it is working. The apparatus shows resistance to temperature of 90°C for 20 minutes and to flame of 1000°C for 10 seconds.

A drop test is then carried out to check the strength of the straps after a flame engulfment.

The Fenzy Aeris Confort Type 2 is a comfortable and modular apparatus allowing fire-fighters to enter into mission safely.

Available as a single or twin-cylinder version, the Fenzy Aeris Confort Type 2 comprises a high/medium pressure (HP/MP) reducer, a highly comfortable harness with straps made of aramid fibre, a full face mask, a positive pressure lung demand valve (LDV) and an audible alarm integrated into the high-pressure handle of the pressure gauge.

### COMFORT

- Non-metallic auto-extinguishable and ergonomic back-plate.
- Three carry handles and an attachment point for a lifeline.
- Nomex® comfort cushions on the shoulder and belt straps.
- Perfect weight distribution of the apparatus on hips.

### VERSATILITY

- Fenzy Opti-Pro and Fenzy Panoramasque full face masks are available with three fastening systems (5- headstraps, Nomex® net, helmet connection kit).
- Two lung demand valves with bayonet connection: Fenzy Zenith (automatic positive pressure activation and deactivation) or Fenzy SX-Pro (automatic first breath activation).
- Full range of EN compressed air cylinders from 4L200bar to 9L300bar.
- Adjustable cylinder collar and twin-cylinder version through simple addition of a manifold kit.
- Reducer with a built-in second user outlet.
- Wide range of accessories: auxiliary rescue hood or mask, Fenzy Angel 1 personal distress signal unit, Fenzy Angel 2 multifunction monitoring device, Fenzy Angel'Metry telemetry device,....

### SAFETY

- Harness fulfilling the requirements of the most recent EN 137 standard and straps made of aramide fibre.
- Fluorescent strips on fire-retardant shoulder and belt straps.
- Pressure gauge whistle: located close to the ear.
- HP/MP reducer with safety valve.
- By-pass button on lung demand valve.
- Fenzy full face masks comply with EN 136 standard – Class III.

### TECHNICAL SPECIFICATIONS

|                                                             |                                                                                                          |
|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| Total weight of the complete apparatus without the cylinder | 4.30 kg                                                                                                  |
| Service-life and pressure                                   | 20 to 90 minutes, in 200 or 300 bars                                                                     |
| Medium pressure and maximum flow of the reducer             | 7.5 bars; >1200 l/min                                                                                    |
| Maximum LDV pressure in the mask                            | > 500 l/min                                                                                              |
| High pressure gauge                                         | 0-400 bars, photo-luminescent screen, rubber protection or Fenzy Angel 2 multifunction monitoring device |
| Consumption and activation of the audible alarm             | Air consumption <5 l; 55 bars                                                                            |
| Certification temperature                                   | -30°C/ + 60°C                                                                                            |
| Standards                                                   | CE0194/0060, EN 137:2006 (EN) type 2<br>Solas & MED                                                      |

### ORDER REFERENCES

|                                                                             | EN STANDARD  |              |
|-----------------------------------------------------------------------------|--------------|--------------|
| Aeris Confort type 2 single-cylinder version without cylinder               | Zenith (LDV) | SX-Pro (LDV) |
| Fenzy Opti-Pro mask with flexible strap kit (KS) for helmet type F1, size M | 1823236      | 1823227      |
| Fenzy Panoramasque mask with 5 headstraps                                   | 1823231      | 1823222      |
| Other configurations                                                        | On request   | On request   |



**SPERIAN RESPIRATORY PROTECTION FRANCE**  
Immeuble Edison - ZI Paris Nord II  
33, rue des Vanesses BP 55288 Villepinte  
95958 Roissy CDG Cedex - France  
Tel. : +33 (0)1 49 90 79 79  
Fax : +33 (0)1 49 90 71 49  
e-mail : fenzy-info@sperianprotection.com