

FRESH AIR



SitLand®

FRESH AIR WITH REGARDS TO THE CONCEPT OF ERGONOMICS

Fresh Air collection is the solution for those who want a high-performance chair of linear and modern design. Products characterised by cutting-edge technology to ensure utmost comfort.



THE MECHANICS OF COMFORT

Fresh Air features a dynamic synchro mechanism that regulates the seat and back angle, locking it in 5 positions with anti-shock system.

The tilt tension can be adjusted by a practical side handle, according to the user's weight.

ASSISTED MOVEMENTS

Fresh Air seat moves in tune with its user. Adjustable depth up to 50 mm of travel, lockable in the desired position.

COMFORTABLE AND BREATHABLE

Fresh Air seat and back feature an ergonomic pad in flexible, cold injected polyurethane foam, crushproof, with "Comfort-Air" technology applied to the seat.

The back in mesh is equipped with lumbar support with adjustable height to improve posture.

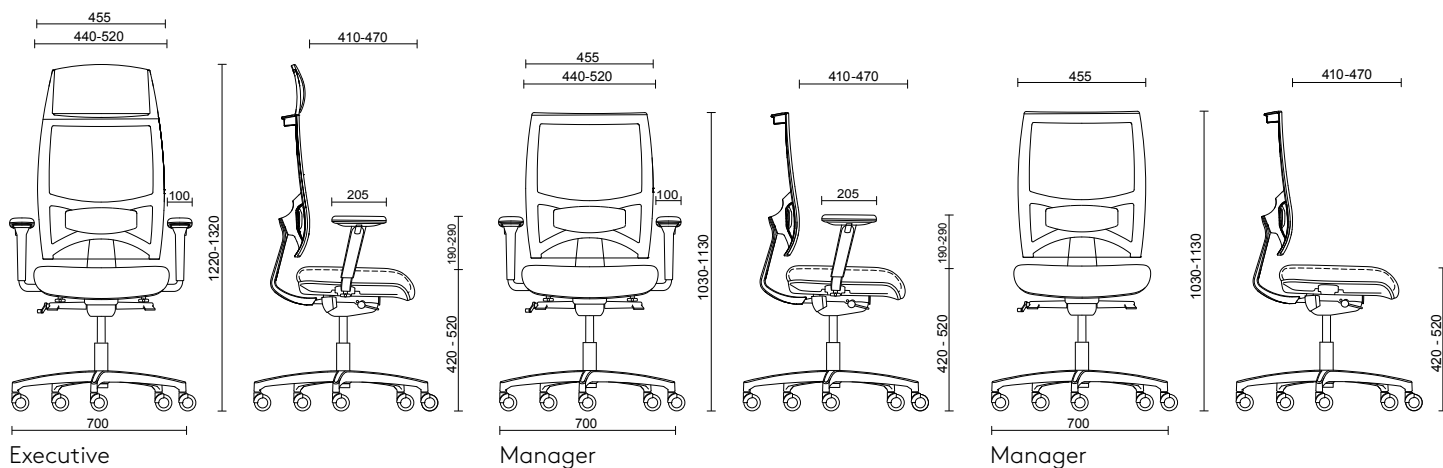
SIMPLY ELEGANT

Thanks to its liner and elegant shape and wide range of finishes and upholsteries available in different colours, Fresh Air is also ideal for more complex spaces.

AN ERGONOMIC COLLECTION

From the executive model with adjustable headrest to the manager and meeting versions: Fresh Air collection offers a wide range of products. Different types of armrests, bases and casters offer the possibility to choose the most suitable version for your needs.

MODELS AND DIMENSIONS



MECHANISM

	EXECUTIVE	MANAGER	MEETING
Synchronized mechanism for the adjustment of back and seat angle, lockable in 5 positions with anti-shock system adjustment of the tension of the body-weight using a side handle.	<input type="checkbox"/>	<input type="checkbox"/>	
Seat height adjustment gas lift.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fixed seat, not adjustable in height, memory return system.			<input type="checkbox"/>

ARMS



Pair of 4D armrests, adjustable in height and in width. Polished aluminium support, top in soft black polyurethane, adjustable in depth and pivoting.



Pair of 4D adjustable arms, in height and in width. Black polyamide support. Soft-touch black TPE Top, adjustable in depth and pivoting.



Pair of 4D adjustable arms, in height and in width. Light grey polyamide support. Soft-touch black TPE Top, adjustable in depth and pivoting.



Pair of 2D adjustable arms, in height and in width. Black polyamide support. Fixed top in soft-touch TPE.

BASES



High resistance 5-star base in black nylon with strengthening steel ring, ø 700 mm.



High resistance 5-star base in light grey (Ral 7035) nylon with strengthening steel ring, ø 700 mm.



5-star die-cast aluminium base, polished, ø 700 mm



5-star black nylon base, high resistant with steel cone, ø 700 mm

CASTERS



Self-braking rubber casters ø 50 mm for hard floors, black structure.



Free casters ø 50 mm, black structure.



Self braking casters ø 50 mm, black structure.



Hollow free and rubber casters, ø 65 mm for hard floors, black structure.



Hollow free and rubber casters, ø 65 mm for hard floors, chromed structure.

COLOURS, MATERIALS, FINISHING *

PLASTIC FINISHING



Black



Light grey
RAL 7035



Polished

BACK SUPPORT FINISHING



Black painted
aluminium



Light grey
RAL 7035
painted
aluminium



Aluminium
polished

HEADREST SUPPORT FINISHING



Black

SEAT UPHOLSTERIES



Ecological
leather N
13 colours



Fabric
AB Xtreme Plus
19 colours



Fabric
RA
15 colours



Fabric
ME
21 colours



Fabric
IP
19 colours



Fabric
FE
21 colours



Fabric
FA
12 colours



Faux-leather
fabric CI-CX
26 colours



Faux-leather
fabric IK
13 colours



Leather
S
13 colours



Leather
TS
18 colours

BACK UPHOLSTERIES



Mesh
RP
9 colours



Mesh
RR
11 colours

* Please refer to the Price list in force and to the General sale conditions for the colours and the combinations available for every single product. Colours shown are used for reference only and may look different in reality. Please contact SitLand to receive more information.

WARRANTY



Fresh Air has 5 years warranty.
For any further detail, please contact
SitLand's customer service at
service@sitland.com

GREENGUARD CERTIFICATION



Fresh Air has achieved GREENGUARD Certification.
GREENGUARD e GREENGUARD Gold are products' certifications released after accurate laboratory tests which assure a low level of chemical emissions of the GREENGUARD tested products in the inner environments. As a matter of fact, in the inner environments, the air is 2 - 5 times more polluted than on the outside and the pollutants comes from products and materials that we use every day. Therefore, the quality of air in the inner spaces is an important issue when people pass the most part of their time in inner environments.
The products certified GREENGUARD ensure a low level of chemical emissions, therefore a better quality of air in those places where they are used. Those chairs which obtained the GREENGUARD Gold certification grant the total absence of chemical emissions, then they are the safest choice for public spaces like schools and healthcare setting. The products certified GREENGUARD contribute to create Leed buildings.

For more information on GREENGUARD, visit the official web site ul.com/gg.

D.Lgs. 81/2008

Fresh Air comply with the italian norm D.Lgs. 81/2008.

PCON.PLANNER



It is possible to configurate our model Fresh Air by using pCon.planner program for the design of 2D an 3D environment.

pCon.planner allows to design working solutions in a fast and intuitive way, creating "realistic" images with advanced features, with a considerable saving of time and resources.

It is easy to start using pCon.planner: after downloading the software in the proper page, it is possible to download pCon.catalog, the practical online catalogue of products ready to be set up according to anyone's need, and then include the products in the projects.

For more information on the use of pCon.planner and the access to the products of the SitLand's catalogues, please contact com@sitland.com

MORE INFORMATIONS

Please look through our catalogue to see all the different versions available of Fresh Air

http://www.sitland.com/sitland_catalogues/sitland_general_catalogue/sitland_general_catalogue.html#p=62

or see our Fresh Air page into our web site www.sitland.com

GS MARK

Fresh Air complies with Geprüfte Sicherheit o GS.



The **Geprüfte Sicherheit** or GS mark is a certification mark for technical equipment. Its presence indicates that the equipment complies with the German and European safety requirements and in particular that it is free from harmful substances, safe to breaking risks.

The GS mark is known around the world and integrates a number of specific European directives for the product and ensures that the instruction manual is correct and complete.

The tests performed are:



UNI EN 1335 CERTIFICATION

Fresh Air complies with the norm
UNI EN 1335-3

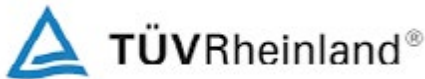
The work conditions and the protection of the people at work, as far as safety and health are concerned, provide that "the office chairs" are produced according to the ergonomic principles and the functionality requirements contained in the following norms:

- UNI EN 1335-1, dimensions and definitions of the dimensions;
- UNI EN 1335-2, safety requirements
- UNI EN 1335-3, test procedures for the safety

The chairs are classified in three different classes according to their specific performance and dimensional characteristics:

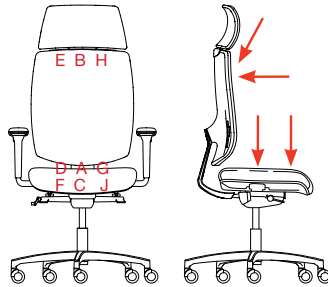
- Class A considers the more restrictive dimensional requirements and mostly respect the anthropometric dimensions from 5 to 95% of the population.
- Class B considers the middle requirements among the classes, respecting the minimum requirements requested by D.Lgs. 81/2008.
- Class C considers the minimum requirements.

The tests performed are:



DURABILITY TESTS ON THE SEAT AND BACK

- Loading point A: 1.500 N
- Number of cycles: 120.000
- Loading point C - B: 1.200 N - 320 N -
- Number of cycles: 80.000
- Loading point J - E: 1.200 N - 320 N -
- Number of cycles: 20.000
- Loading point F - H: 1.200 N - 320 N -
- Number of cycles: 20.000
- Loading point D - G: 1.100 N - 1.100 N -
- Number of cycles: 20.000



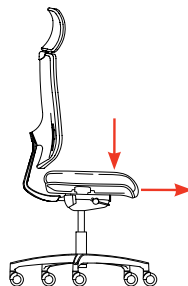
DURABILITY TESTS OF THE ARMREST

- Application point compared to the most forward point of the armrest: 100mm
- Load: 400 N
- Number of cycles: 60.000



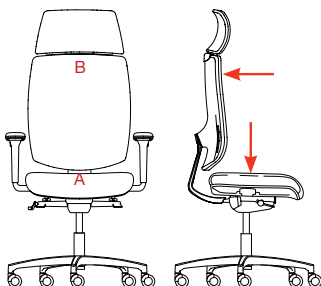
STABILITY TESTS - TILT TOWARD THE FRONT

- Vertical force: 600 N
- Load: 20 N
- Loading time: 5 sec



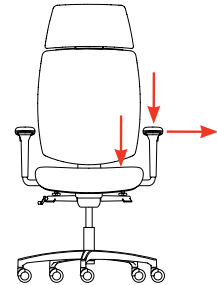
SEAT AND BACK STATIC LOAD TEST

- Loading point A: 1.600 N
- Loading point B: 560 N
- Number of cycles: 10



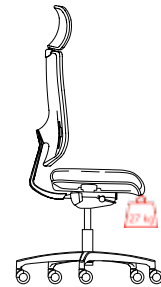
LATERAL TILTING FOR SEATS WITH ARMRESTS

- Seat vertical force: 250 N
- Armrest vertical force: 350 N
- Armrest lateral force: 20 N



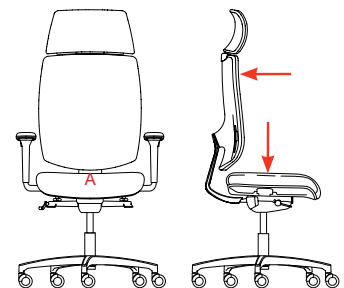
STABILITY TESTS FOR SWIVELING CHAIRS - FRONT TILTING

- Load: 27 kg



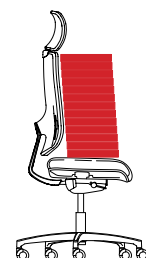
STABILITY TESTS FOR SWIVELING CHAIRS - TILT TOWARD THE BACK FOR CHAIRS WITH FIXED BACK

- Vertical force in A: 600 N
- Load in B: 192 N



BACK TILTING FOR SEATS WITH TILTING BACK

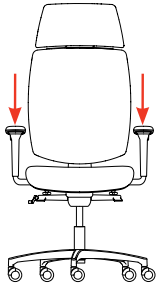
- Number of discs: 13



**VERTICAL STATIC LOAD AT THE CENTRE
OF THE ARM**

Load: 900 N

Number of cycles: 5

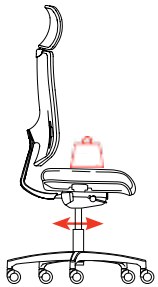


**RESISTANCE TO ROLLING OF THE SEAT
WITH NO LOAD**

Test speed: 50 mm/s

Measured resistance: 17,292 N

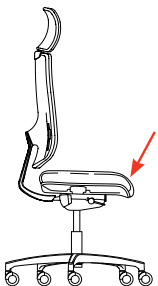
Minimum allowed resistance: 12 N



**STATIC LOAD
ON THE FRONT OF THE SEAT**

Load: 1.600 N

Number of cycles: 10



SitLand®

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SitLand S.p.A. is certified
UNI EN ISO 9001: 2008
UNI EN ISO 14001: 2004

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