

FABRICAIR COMBI 85



FabricAir® Combi is available as permeable and non-permeable fabrics. All fabric variants are exceptionally strong and durable and come with 5 or 10-year warranties.

FabricAir® Combi is Oeko-Tex 100 certified. The fabric is machine washable and retains its dimensions after washing (max. 0.5% shrinkage). The permeability is uniform (max. 5% variation).

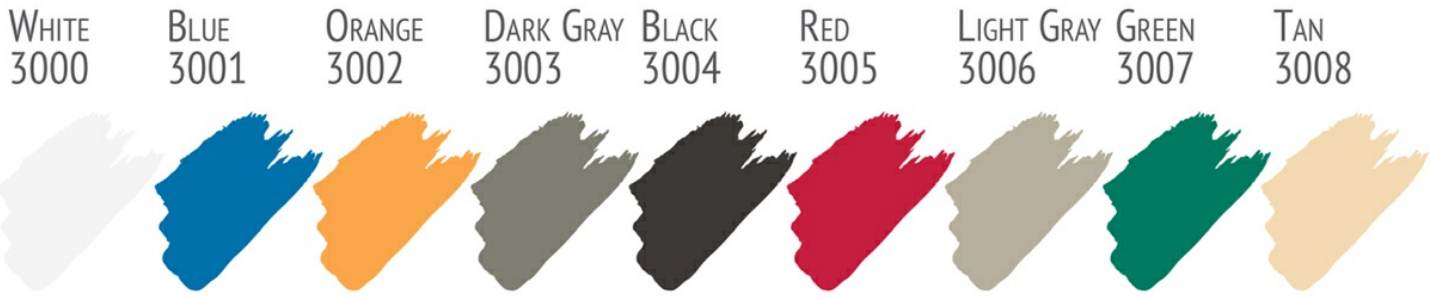
FabricAir® Combi 80 and Combi 90 are supplied with an antimicrobial treatment, which is specially developed for areas with strict hygiene requirements.



The fabric is supplied in standard colors, with the option of surface print and other custom prints.

FEATURES

- ✓ Non-permeable
- ✓ Durable and strong weave
- ✓ Flame retardant fabric
- ✓ Certificate, Oeko-Tex standard 100
- ✓ All-in-One Support
- ✓ Internal 360° Hoops

STANDARD COLORS



| DYE COLOR | SURFACE PRINT | | GRAPHIC PRINT | | |
|-----------|--|--|---------------|-------|-----------|
| | FabricAir Combi 20, 60, 70 and 80 | | | | |
| Dye | Coloring | Seamless Patterns | Artwork | Logos | Lettering |
| - |  |  | ✓ | ✓ | ✓ |

The fabric is non-permeable and comes with a 10 year warranty.

PROFILES



ROUND

FabricAir round duct is the most commonly used duct profile and is typically



D-SHAPED / HALF-ROUND



CIRCLE SECTION

The Circle Section duct can be used when there is a hard ceiling to attach to. Typically this profile is



RECTANGULAR



FABRICAIR® VARIODUCT™



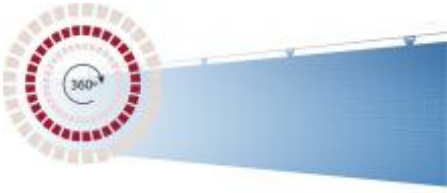
INTERNAL 360° HOOPS

Internal 360° Hoops



ALL-IN-ONE SUPPORT

FLOW MODELS



MICROFLOW™

With MicroFlow™ the air exits the duct via laser cut micro-perforations along the circumference of the



PERFOFLOW™

With PerfoFlow™ the air exits the duct via laser cut perforations along the circumference of the duct.



SONICFLOW™

SonicFlow™ is a directional flow model where the air exits the duct via rows of laser cut



ORIFLOW™

OriFlow™ is a directional flow model where the air exits the duct via rows of laser cut orifices. Multiple



NOZZFLOW™

NozzFlow™ is used in applications where very precise directional airflow is needed. The discharge



JETFLOW™

JetFlow™ is capable of generating exceptionally long throws through the use of conical jets in

DOWNLOAD CERTIFICATES

Fire certificates EN-13501-1:2009
- Combi 85

DATA SHEET

CONSTRUCTION

| | | | |
|---------------|---|--|--|
| Fabric type: | Polyester | | |
| Weight | 300 g/m ² | | |
| | 8.80 oz/yd ² | <u>EN ISO 12127:1997 (ASTM D3776-96)</u> | |
| Thickness: | 0.45 [0.018] mm [inch] | | |
| | <u>EN ISO 5084:1996 (ASTM D1777-96)</u> | | |
| Permeability: | 0 (±5%) m ³ /m ² /h at 120 Pa | | |
| | 0 (±5%) [CFM/ft ² at 0.5" Static] | | |
| | <u>EN ISO 9237:1995 (ASTM D737, Frazier)</u> | | |

PROPERTIES

| | | |
|-------------------------------|---------------------|-----------------------|
| Strength - Warp: | 2700 N | <u>EN ISO 13934-1</u> |
| Strength - Weft: | 900 N | <u>EN ISO 13934-1</u> |
| Shrinkage: | 0.5 % Max. °C [°F] | <u>EN ISO 5077</u> |
| Heat resistance - continuous: | +140 [+284] °C [°F] | |
| Heat resistance - softening: | +235 [+455] °C [°F] | |

TREATMENT/COATINGS

CODE COMPLIANCE

| | | |
|-----------------|------------|--------------------|
| EN 13501-1: | B-s1,d0 | <u>EN 13501-1</u> |
| GB 8624: | B-s1,d0,t1 | <u>GB 8624</u> |
| GOST: | Yes | |
| UL 723: | Yes | <u>UL 723</u> |
| ULC S102.2: | Yes | |
| Fire retardant: | M1 | <u>NF P 92-507</u> |

PERFORMANCE CERTIFICATES

| | | |
|----------|-----|----------------|
| UL 2518: | Yes | <u>UL 2518</u> |
|----------|-----|----------------|

ADDITIONAL APPROVALS

| | | |
|------------|----------|-------------------------------|
| OEKO-TEX®: | Approved | <u>OEKO-TEX® Standard 100</u> |
|------------|----------|-------------------------------|

All-in-One available: Yes

Disclaimer

FabricAir® believes that all data, statements, technical information, etc., listed in this Technical Data Sheet regarding the product and the use of the product are accurate and reliable. However, the product will only be covered by FabricAir®'s guarantees or warranty if the final use for the product has been approved by FabricAir® in writing. No representative is authorized to approve the final use of the product on behalf of FabricAir®.

VARIATIONS OF THE FABRIC

Combi

| | Permeable | Flame Retardancy | Antistatic | Anti-microbial | Warranty |
|-----------------|------------------|-------------------------|-------------------|-----------------------|-----------------|
| <u>Combi 20</u> | ✓ | <u>Flame Retardant</u> | | | <u>5</u> |
| <u>Combi 30</u> | | <u>Flame Retardant</u> | | | <u>5</u> |
| <u>Combi 60</u> | ✓ | | | | <u>10</u> |
| <u>Combi 65</u> | | | | | <u>10</u> |
| <u>Combi 70</u> | ✓ | <u>Flame Retardant</u> | | | <u>10</u> |
| <u>Combi 80</u> | ✓ | <u>Flame Retardant</u> | | ✓ | <u>10</u> |
| <u>Combi 85</u> | | <u>Flame Retardant</u> | | | <u>10</u> |
| <u>Combi 90</u> | | <u>Flame Retardant</u> | | ✓ | <u>10</u> |

[[Compare selection](#)]

CERTIFICATE COMPARISON

