

FabricAir® Combi – the product line to choose when flexibility, durability and aesthetic appeal are required

- **9 DIFFERENT FABRICS BASED ON THE SAME STRUCTURE**
- **9 STANDARD COLORS**
- **10-YEAR WARRANTY (OPTIONAL)**
- **OEKO-TEX APPROVED**
- **EXCEPTIONALLY STRONG**
- **LOW MAINTENANCE COST**
- **PERMEABLE AND NON-PERMEABLE FABRICS AVAILABLE**
- **FLAME RETARDANT (OPTIONAL)**
- **ACTIVE ANTIMICROBIAL AGENT (OPTIONAL)**



FabricAir® Combi



Certificates	Combi 20	Combi 30	Combi 60	Combi 65	Combi 70	Combi 80	Combi 85	Combi 90
EN 13501-1	B-s1,d0	B-s1,d0			B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0
UL723								
ULC S102.2								
GOST	✓				✓	✓	✓	✓
Performance Certificates								
UL 2518								

About FabricAir® Combi

FabricAir® Combi is available with both permeable and non-permeable fabric. The fabric is strong and durable - it comes with a 10 year warranty (FabricAir® Combi 20 and Combi 30 is 5 year). FabricAir® Combi is Oeko-Tex certified. All suspension types can be used, including All-in-One, which always keeps the duct stretched out even when the air is removed from the system.

FabricAir® Combi is machine washable and retains its dimensions after washing (max. 0.5% shrinkage). The permeability is uniform (max. 5% variation). The fabric is supplied in nine standard colors.

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

FABRICAIR® COMBI 20



FABRICAIR® COMBI 30



FABRICAIR® COMBI 60



FABRICAIR® COMBI 65



FABRICAIR® COMBI 70



FABRICAIR® COMBI 80



FABRICAIR® COMBI 85



FABRICAIR® COMBI 90



Standard Fabric Colors

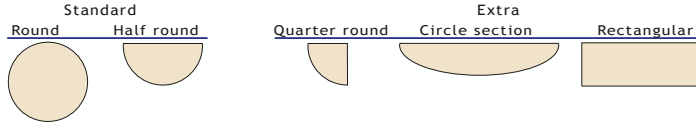
The colors shown are intended as a guide only. A sample of the exact color may be obtained at FabricAir®.



White	Blue	Orange	Dark Gray	Black	Red	Light Gray	Green	Tan	FabricAir® NO.
3000	3001	3002	3003	3004	3005	3006	3007	3008	
None	19-4056	14-0955	18-4105	19-4205	18-1764	14-0105	17-5633	12-0710	Pantone TP*
									Nozzles
									Sliders
									Hooks

Standard Colors for Accessories

The colors of the accessories are matched with the fabric colors as shown. Alternative requests must be stated separately.

Duct Profile


* Note: The Pantone TP code roughly corresponding to FabricAir®'s colors is indicated here. Differences in colors must be expected and FabricAir® cannot be held responsible for such differences.


ALL-IN-ONE

Optionally, FabricAir® Combi can be supplied with All-in-One support hoops which keep the duct open permanently.

ZIP FASTENER

The sections are assembled with heavy-duty industrial zip fasteners, discreetly hidden under an extra seam.

TAG NUMBER

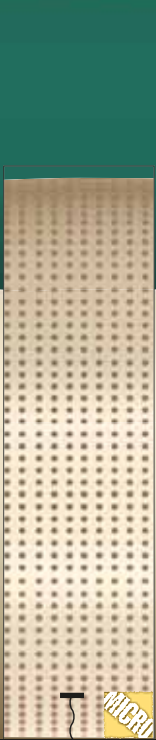
Each duct section is labelled with a tag number, which indicates the order of assembly. Furthermore, it contains an ID number, which makes the tracking easier.

SAFE MOUNTING

Fabric ducts connected to sheet metal systems are secured using a pinch-down duct belt.



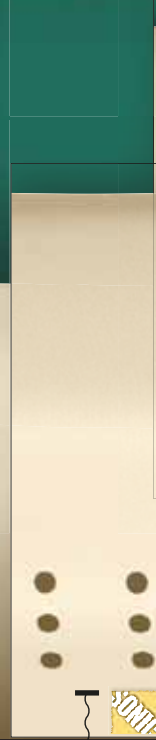
FabFlow™
The air is distributed through the entire surface of the fabric.



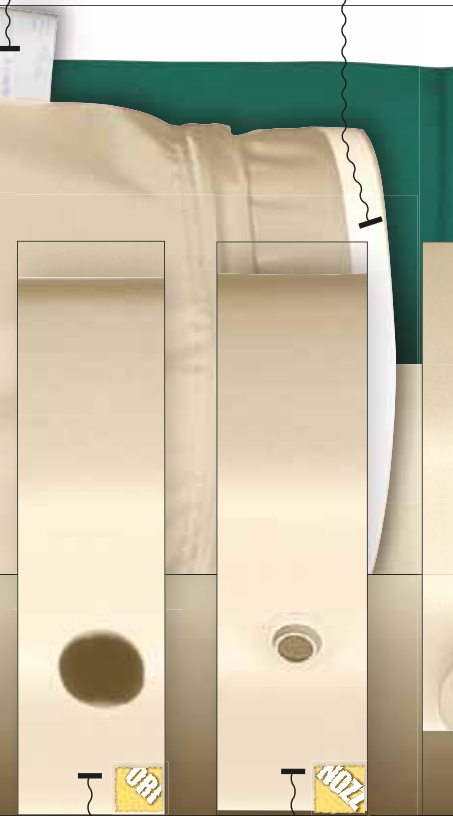
MicroFlow™
The air is distributed through micro-perforations.



PerfoFlow™
The air is distributed through small orifices.



SonicFlow™
The air is distributed through lengthwise rows of small orifices.



OriFlow™
The air is distributed through large orifices.



NozzFlow™
The air is distributed through venturi shaped plastic nozzles with excellent discharge coefficients.



JetFlow™
FabricAir®'s Jet Flow™ with built-in Jets provide exceptionally long throws for large areas.

COMBI 20	COMBI 30	COMBI 60	COMBI 65	COMBI 70	COMBI 80	COMBI 85	COMBI 90
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DESCRIPTION

Special woven polyester fabric, designed for use in FabricAir® Dispersion Systems.

Flow models available:

	COMBI 20	COMBI 30	COMBI 60	COMBI 65	COMBI 70	COMBI 80	COMBI 85	COMBI 90
MicroFlow™	MicroFlow™	MicroFlow™	MicroFlow™	MicroFlow™	MicroFlow™	MicroFlow™	MicroFlow™	MicroFlow™
FabFlow™			FabFlow™		FabFlow™	FabFlow™		
PerfoFlow™	PerfoFlow™	PerfoFlow™	PerfoFlow™	PerfoFlow™	PerfoFlow™	PerfoFlow™	PerfoFlow™	PerfoFlow™
SonicFlow™	SonicFlow™	SonicFlow™	SonicFlow™	SonicFlow™	SonicFlow™	SonicFlow™	SonicFlow™	SonicFlow™
OriFlow™	OriFlow™	OriFlow™	OriFlow™	OriFlow™	OriFlow™	OriFlow™	OriFlow™	OriFlow™
NozzFlow™	NozzFlow™	NozzFlow™	NozzFlow™	NozzFlow™	NozzFlow™	NozzFlow™	NozzFlow™	NozzFlow™
JetFlow™	JetFlow™	JetFlow™	JetFlow™	JetFlow™	JetFlow™	JetFlow™	JetFlow™	JetFlow™

CONSTRUCTION

		COMBI 20	COMBI 30	COMBI 60	COMBI 65	COMBI 70	COMBI 80	COMBI 85	COMBI 90	
Weight	g/m ²	260	270	273	285	290	295	300	300	EN ISO 12127:1997
	oz/yd ²	7.67	7.96	8.02	8.41	8.50	8.70	8.80	8.80	ASTM D3776-96
Thickness	mm	0.40	0.45	0.45	0.45	0.45	0.45	0.45	0.45	EN ISO 5084:1996
	Inch	0.016	0.018	0.018	0.018	0.018	0.018	0.018	0.018	ASTM D1777-96
Permeability	m ³ /m ² /h at 120 Pa	40 (±5%)	0	40 (±5%)	0	40 (±5%)	40 (±5%)	0	0	EN ISO 9237:1995
	CFM/ft ² at 0.5" Static	2 (±5%)	0	2 (±5%)	0	2 (±5%)	2 (±5%)	0	0	ASTM D737, Frazier

PROPERTIES

Strength - Warp	N	2400	2700	2700	2700	2700	2700	2700	2700	EN ISO 13934-1
Strength - Weft	N	800	900	900	900	900	900	900	900	
Shrinkage	% at 40°C	Max. 0.5%	Max. 0.5%	Max. 0.5%	Max. 0.5%	Max. 0.5%	Max. 0.5%	Max. 0.5%	Max. 0.5%	EN ISO 5077
	% at 104°F									
Heat Resistance - continuous	°C	+140	+140	+140	+140	+140	+140	+140	+140	
	°F	+284	+284	+284	+284	+284	+284	+284	+284	
Heat Resistance - softening	°C	+235	+235	+235	+235	+235	+235	+235	+235	
	°F	+455	+455	+455	+455	+455	+455	+455	+455	

TREATMENTS/COATINGS

		-	-	-	-	-	Antimicrobial	-	Antimicrobial	AATCC100/EN ISO 20645
		-	Non-permeable	-	Non-permeable	-	-	Non-permeable	Non-permeable	

CODE COMPLIANCE

EN 13501-1	B-s1,d0	B-s1,d0	-	-	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0
UL 723	Yes	Yes	-	-	Yes	Yes	Yes	Yes	Yes
ULC S102.2	Yes	-	Yes	-	Yes	Yes	Yes	Yes	Yes
GB 8624	B-s1,d0,t1	B-s1,d0,t1	B-s1,d0,t1	B-s1,d0,t1	B-s1,d0,t1	B-s1,d0,t1	B-s1,d0,t1	B-s1,d0,t1	B-s1,d0,t1
GOST	Yes	-	-	-	Yes	Yes	Yes	Yes	Yes

PERFORMANCE CERTIFICATES

UL 2518	[Yes/No]	Yes	Yes	No	No	Yes	Yes	Yes	Yes
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ADDITIONAL APPROVALS

Oeko-Tex	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved
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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®.

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