

FabricAir® Combi

FabricAir® Combi – the premium product line to choose when flexibility, durability, aesthetic and environmental issues are determining factors

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

FabricAir® Combi



	UL 723 NFPA 90A	DIN 4102	NF P 92-503	NF P 92-504	C.S.E., RF 1/75A	C.S.E., RF 3/77	SIS 650082
Combi 20	✓	B1	M1		CLASS 1		✓
Combi 60		B2	M3				
Combi 70	✓	B1	M1		CLASS 1		✓
Combi 80	✓	B1	M1		CLASS 1		✓
Combi 85	✓	B1	M1		CLASS 1		✓
Combi 90	✓	B1	M1		CLASS 1		✓

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 is 5 year). FabricAir® Combi is Oeko-Tex certified. All suspension types can be used, including All-in-One. This method of installation keeps the duct open and stretched out at all times, even when the air flow is switched off.

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 available in nine standard colours and can be dyed in special colours. FabricAir® Combi 80 and Combi 90 comes with a specially developed anti-microbial treatment, which is especially suited for areas with strict hygiene requirements.

FABRICAIR® COMBI 20



FABRICAIR® COMBI 60



FABRICAIR® COMBI 70



FABRICAIR® COMBI 80



FABRICAIR® COMBI 85

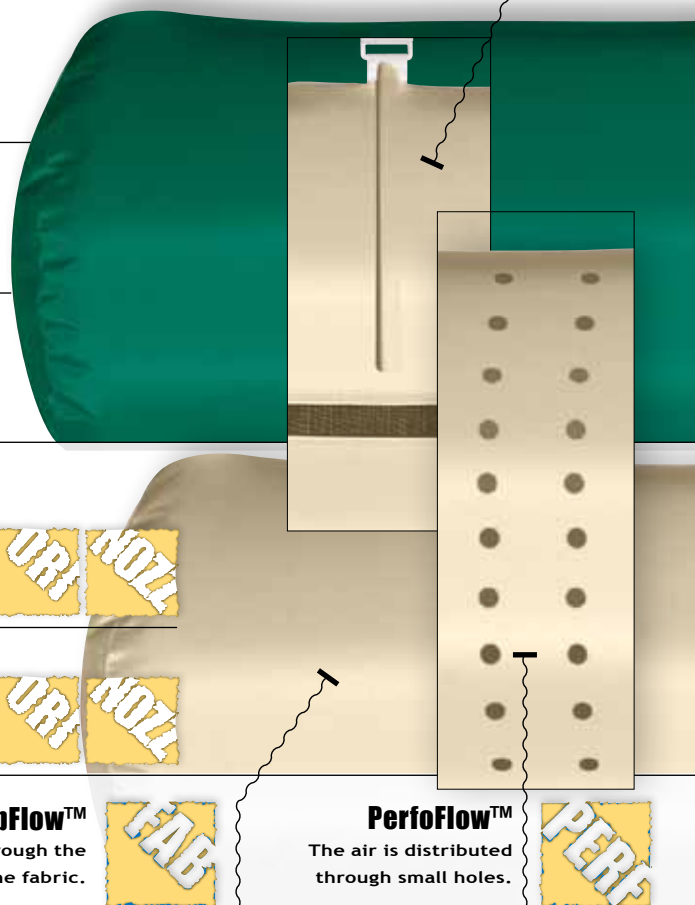


FABRICAIR® COMBI 90



ALL-IN-ONE

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



FabFlow™

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



PerfoFlow™

The air is distributed through small holes.



Standard Fabric Colours









































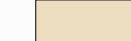
The colours shown are intended as a guide only. A sample of the exact colour may be obtained at FabricAir®.



Standard Colours for Accessories

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

Duct Profile

White	Blue	Orange	Dark Grey	Black	Red	Light Grey	Green	Tan	FabricAir® NO.
3000	3001	3002	3003	3004	3005	3006	3007	3008	Pantone TP*
None	19-4056	14-0955	18-4105	19-1763	18-1764	14-0105	17-5633	12-0710	
									Nozzles
									Sliders
									Hooks
									Mesh
Standard		Extra							
Round	Half round	Quarter round	Circle section		Rectangular				
									



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

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.



MeshFlow™

The air is distributed through a lengthwise mesh.



SonicFlow™

The air is distributed through lengthwise rows of small holes.



OriFlow™

The air is distributed through large holes.



NozzFlow™

The air is distributed through nozzles that accurately control the direction.

DESCRIPTION**COMBI 20 COMBI 60 COMBI 70 COMBI 80 COMBI 85 COMBI 90**

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

Flow models available:

	FabFlow™	FabFlow™	FabFlow™	FabFlow™	PerfoFlow™	PerfoFlow™
	MeshFlow™	MeshFlow™	MeshFlow™	MeshFlow™	MeshFlow™	MeshFlow™
	NozzFlow™	NozzFlow™	NozzFlow™	NozzFlow™	NozzFlow™	NozzFlow™
					OriFlow™	OriFlow™

CONSTRUCTION

Weight	g/m ²	260	273	290	290	300	300	EN ISO 12127:1997
	oz/yd ²	7.67	8.02	8.50	8.50	8.80	8.80	
Thickness	mm	0.40	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	
Permeability	m ³ /m ² /h at 120 Pa	40 (±5%)	40 (±5%)	40 (±5%)	40 (±5%)	0	0	EN ISO 9237:1995
	CFM/ft ² at 0.5" Static	2 (±5%)	2 (±5%)	2 (±5%)	2 (±5%)	0	0	

PROPERTIES

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

TREATMENTS/COATINGS

Flame retardant	-	Flame retardant	Flame retardant	Flame retardant	Flame retardant	Flame retardant
-	-	-	Antimicrobial	-	-	Antimicrobial
-	-	-	-	Non-permeable	Non-permeable	Non-permeable

CODE COMPLIANCE

DIN 4102	[A2, B1, B2]	B1	B2	B1	B1	B1	B1
NF P 92-503	[M0, M1, M3]	M1	M3	M1	M1	M1	M1
UL 723/NFPA 90 A	[Yes/No]	yes	No	yes	yes	yes	yes

ADDITIONAL APPROVALS

Oeko-Tex	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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