

FabricAir[®] Combi

Efficient Air dispersion systems



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.




	Combi 20	Combi 30	Combi 60	Combi 65	Combi 70	Combi 80	Combi 85	Combi 90
Certificates								
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								

**ALL-IN-ONE**


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

**ZIP FASTENER**

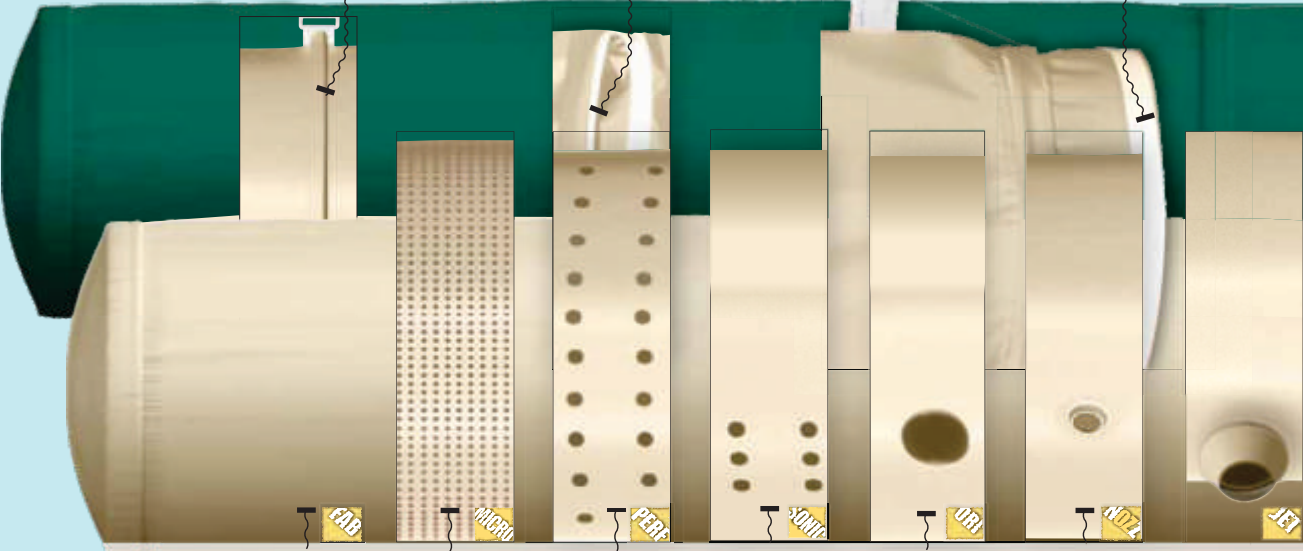
The sections are assembled with heavy-duty industrial zip fasteners, discreetly hidden under an extra seam.

**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 RULoFaa

SonicFlow™

The air is distributed through lengthwise rows of small RULoFaa

OriFlow™

The air is distributed through large RULoFaa

NozzFlow™

The air is distributed through venturi shaped plastic nozzles with excellent discharge FRoFLaaWo

JetFlow™

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

TECHNICAL DATA SHEET

	COMBI 20	COMBI 30	COMBI 60	COMBI 65	COMBI 70	COMBI 80	COMBI 85	COMBI 90	
DESCRIPTION	Special woven polyester fabric, designed for use in FabricAir® Dispersion System								
Flow models available :	MicroFlow™ FabFlow™ PerfoFlow™ SonicFlow™ OriFlow™ NozzFlow™ JetFlow™	MicroFlow™ PerfoFlow™ SonicFlow™ OriFlow™ NozzFlow™ JetFlow™	MicroFlow™ FabFlow™ PerfoFlow™ SonicFlow™ OriFlow™ NozzFlow™ JetFlow™	MicroFlow™ PerfoFlow™ SonicFlow™ OriFlow™ NozzFlow™ JetFlow™	MicroFlow™ FabFlow™ PerfoFlow™ SonicFlow™ OriFlow™ NozzFlow™ JetFlow™	MicroFlow™ FabFlow™ PerfoFlow™ SonicFlow™ OriFlow™ NozzFlow™ JetFlow™	MicroFlow™ PerfoFlow™ SonicFlow™ OriFlow™ NozzFlow™ JetFlow™	MicroFlow™ PerfoFlow™ SonicFlow™ OriFlow™ NozzFlow™ JetFlow™	
CONSTRUCTION									
Weight g/m² oz/yd²	260 7.67	270 8.02	273 8.02	285 8.50	290 8.50	295 8.64	300 8.80	300 8.80	EN ISO 12127:1997 ASTM D3776-96
Thickness mm Inch	0.40 0.016	0.45 0.018	0.45 0.018	0.45 0.018	0.45 0.018	0.45 0.018	0.45 0.018	0.45 0.018	EN ISO 5084:1996 ASTM D1777-96
Permeability m² / m² / h at 120 Pa CFM/ft² at 0.5" Static m²	40 (±5%) 2 (±5%)	0 0	40 (±5%) 2 (±5%)	0 0	40 (±5%) 2 (±5%)	40 (±5%) 2 (±5%)	0 0	0 0	EN ISO 9237:1995 ASTM D737, Frazier
PROPERTIES									
Strength-Warp Strength-Weft N	2400 800	2700 900	2700 900	2700 900	2700 900	2700 900	2700 900	2700 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%	Max. 0.5%	Max. 0.5%	
Heat Resistance -continuous °C °F	+140 +284	+140 +284	+140 +284	+140 +284	+140 +284	+140 +284	+140 +284	+140 +284	
Heat Resistance -continuous °C °F	+235 +455	+235 +455	+235 +455	+235 +455	+235 +455	+235 +455	+235 +455	+235 +455	
TREATMENT/COATINGS	- -	- Non-permeable	- -	- Non-permeable	- -	Antimicrobial -	- Non-permeable	Antimicrobial Non-permeable	AATCC100/EN ISO 20645
CODE COMPLIANCE									
EN 13501-1	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	
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	
GOST	Yes	Yes	-	-	Yes	Yes	Yes	Yes	
PERFORMANCE CERTIFICATES									
UL 2518 (Yes / No)	Yes	-	-	-	Yes	Yes	Yes	Yes	
ADDITIONAL APPROVALS									
Oeko-Tex	Approved	Approved	Approved	Approved	Approved	Approved	Approved	Approved	

DISCLAIMER

FabricAir® believes that all data, statements, technical information, etc., listed in this Technical Data Sheet regarding 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 authorised to approve the final use of the product on behalf of FabricAir® .

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Standard Fabric Colors

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

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

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

Standard

Round

Half round

Extra

Quarter Round

Circle Section

Rectangular

The product line to choose when
Flexibility, Durability & Aesthetic Appeal
are required



Salient Features :

- 9 different fabrics based on the same structure
- 9 Standard Colors
- 10 Years Warranty (Optional)
- OEKO-TEX Approved
- Exceptionally strong
- Low maintenance cost
- Permeable and non-permeable fabrics available
- Flame Retardant (Optional)
- Active Antimicrobial Agent (Optional)

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CANI MERCHANDIZING PVT. LTD.
CANI MARKETING PVT. LTD.

CANI is an exclusive business associate for several high technology companies related to HVAC industry in India. We bring to the HVAC industry highly energy efficient solutions and a wide range of innovative products that are considered the best in the world.

In a short span of time, CANI redefined the insulation business in India with the successful launch of Trocellen Polyolefin Material which has since become an industry standard.

Therma-Fuser VAV Diffusers from Acutherm, USA offer uniform temperature distribution for individual comfort while enabling increased energy savings. These devices contribute significantly to LEED points.

Nihon Spindle cooling towers are CTI / JCI certified for guaranteed performance. They have low noise levels, low energy consumption and innovative space saving design.

CANI is an acronym for Continuous and Never Ending Improvement. Our endeavour is to constantly upgrade the industry with current and innovative technologies from across the world.

CANI MERCHANDIZING PVT. LTD.
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OUR PRINCIPALS :

