



DESIGNER SOLUTIONS

FOR RESIDENTIAL
VENTILATION





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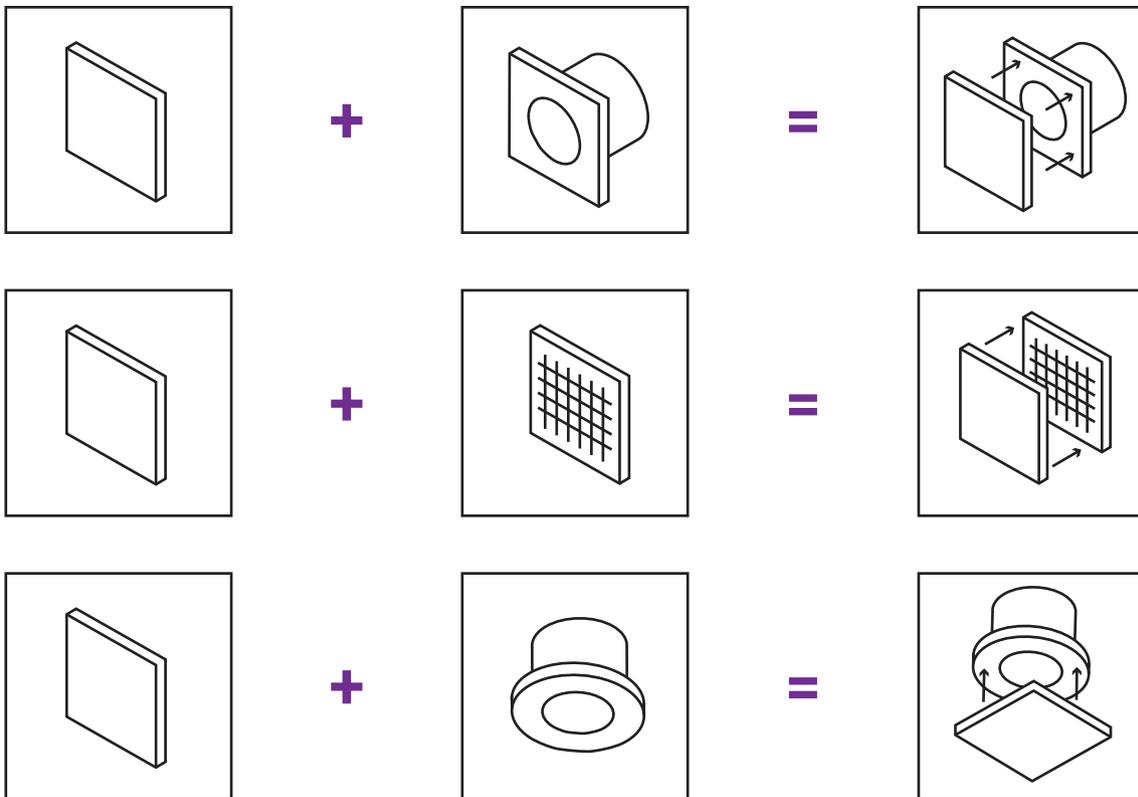
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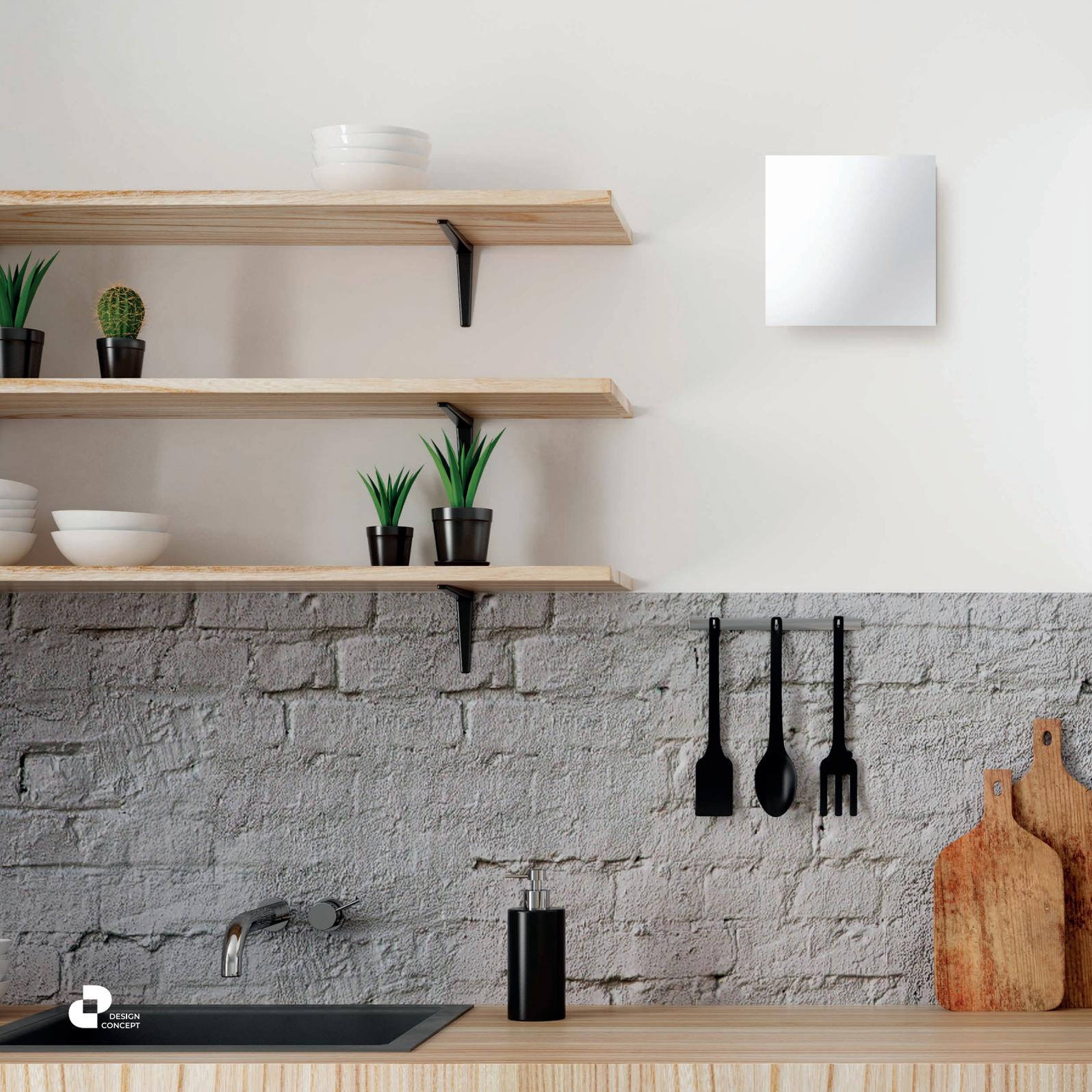


■ ABOUT DESIGN CONCEPT

Design Concept System is a series of designer fans by VENTS, a world residential ventilation leader. The diversity of multipurpose removable front panels allows **to find a matching fan or fan grille design for any bathroom or kitchen interior.**

High fan quality, both wall and ceiling mounting, big range of front panel decorations: all of these are available in the new Design Concept fan series.





■ ASSORTMENT

All common connecting diameters of 100, 125 and 150 mm are presented in the base model: the Base fan, or an energy-efficient Ace model featuring minimum noise level. Multipurpose FP 180 decorative panels are compatible with any fan in the series, as well as an F4 100 FB diffuser and an MV 100 FB decorative grille.



100 Base
+ FP 180 Plain



125 Base
+ FP 180 Plain



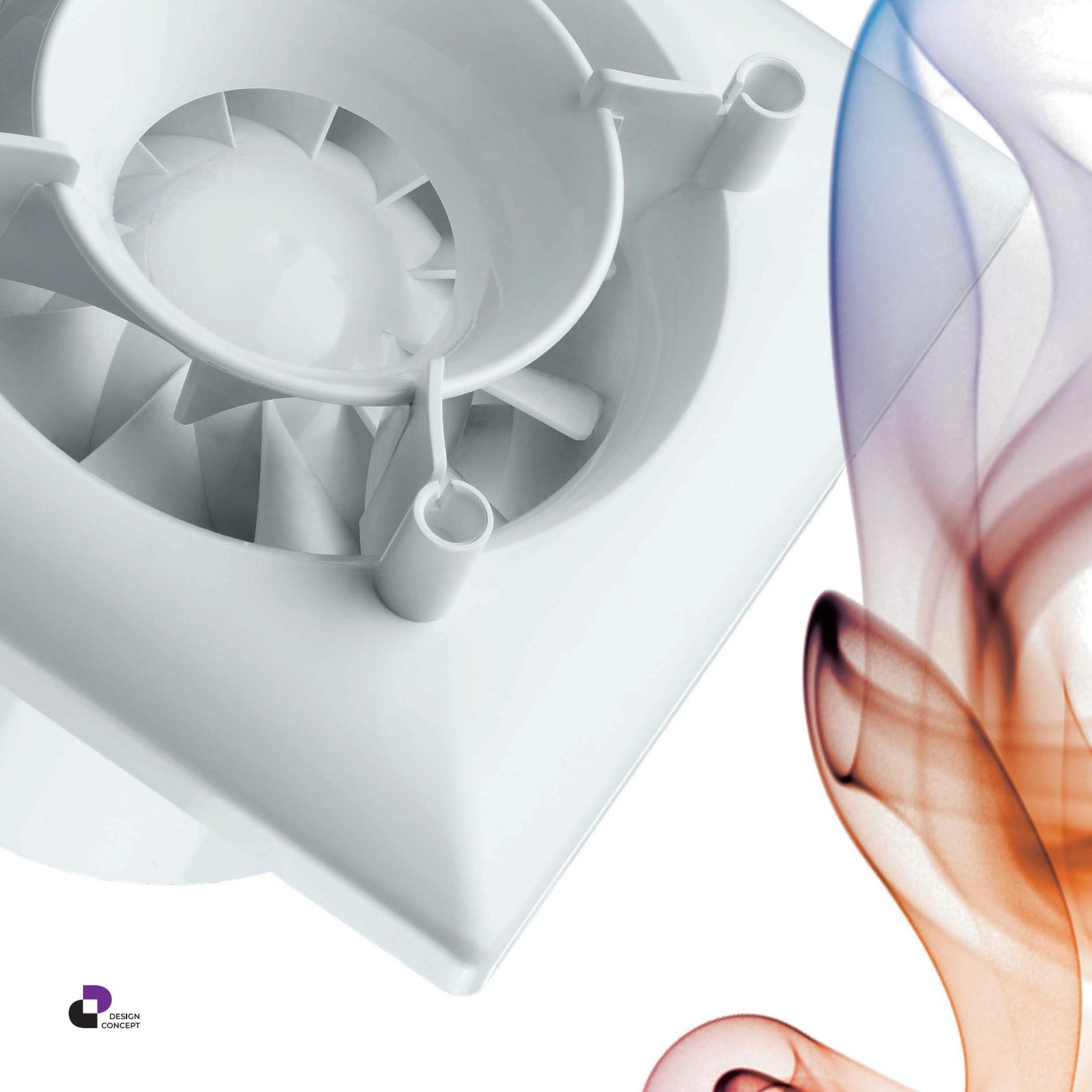
150 Base
+ FP 180 Plain



100 Ace
+ FP 180 Plain



125 Ace
+ FP 180 Plain



■ FANS

A series of fans that vary in diameter, power and energy efficiency.

ACE FAN

Model	100 Ace	125 Ace
Power consumption [W]	8	17
Maximum air flow [m ³ /h]	90	160
Sound pressure level at 3 m distance [dBA]	29*	32*
Frequency [Hz]	50	50
Voltage [V]	220-240	220-240
Current [A]	0.05	0.11
RPM [min ⁻¹]	2165	2200
SFP [W/l/s]	0.32	0.38
Ingress protection rating	IP44	IP44



* Sound pressure level is specified assuming FP/FPA/FPB panels are installed

OPTIONS



Timer



Pull
cord switch



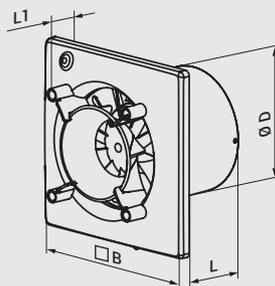
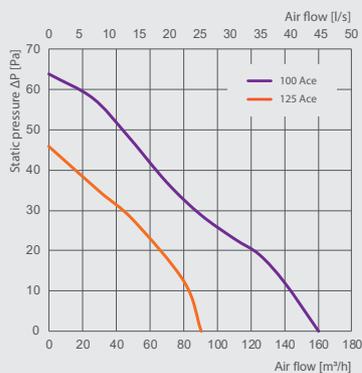
Humidity
sensor



Check
valve



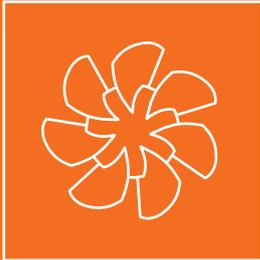
Motor on ball
bearings



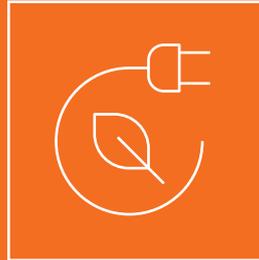
Model	100 Ace	125 Ace
Ø D	99	124
B	151	180
L	79	85
L1	36	37

* Sizes are specified in [mm]

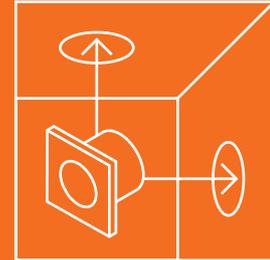
■ FEATURES



One of the quietest fan offerings in the market due to the use of a mixed-type impeller and air flow rectifiers



Cost-effective modern electric motor enables constant ventilation



Wall and ceiling mounting available



BASE FAN

Model	100 Base (turbo)	125 Base (turbo)	150 Base
Power consumption [W]	14 (15)	16 (17)	23
Maximum air flow [m³/h]	100 (122)	180 (217)	280
Sound pressure level at 3 m distance [dBA]	34 (36)	35 (37)	34
Frequency [Hz]	50/60	50/60	50
Voltage [V]	220-240	220-240	220-240
Current [A]	0.09 (0.1)	0.12 (0.13)	0.161
RPM [min⁻¹]	2300 (2400)	2400 (2500)	2200
SFP [W/l/s]	0.5 (0.44)	0.32 (0.28)	0.3
Ingress protection rating	IP24	IP24	IP24



OPTIONS



Timer



Pull cord switch



Humidity sensor



Check valve



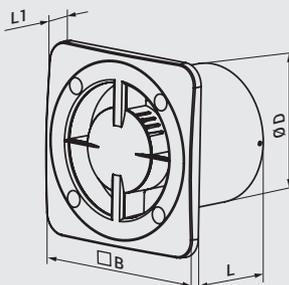
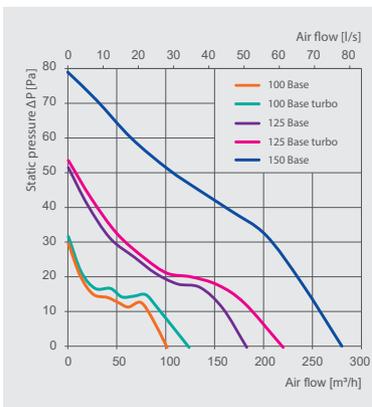
Motor on ball bearings



Turbo



Featuring decreased noise level



Model	100 Base	125 Base	150 Base
Ø D	99	124	149
B	140	165	180
L	88	88	106
L1	13	16	17

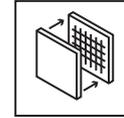
* Sizes are specified in [mm]



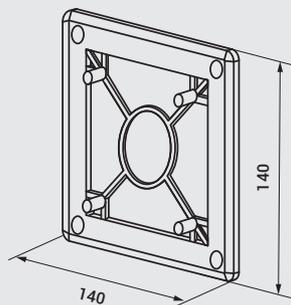
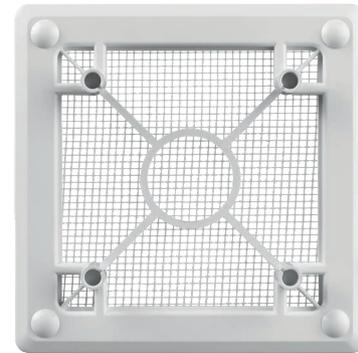
■ GRILLES AND DIFFUSERS

The Design Concept system allows to form creative design not just for fans, but also for ventilation grilles and diffusers.

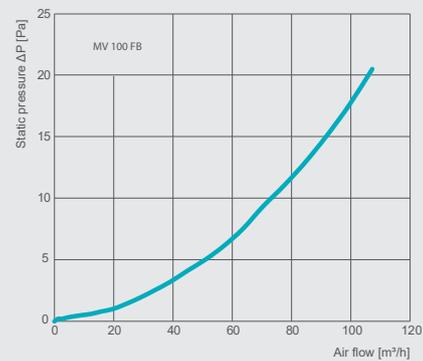
GRILLE MV 100 FB



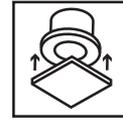
- Compatible with stylish decorative panels.
- Used for decorating outlets of supply or exhaust ventilation systems in utility and public spaces.
- For wall or ceiling mounting.



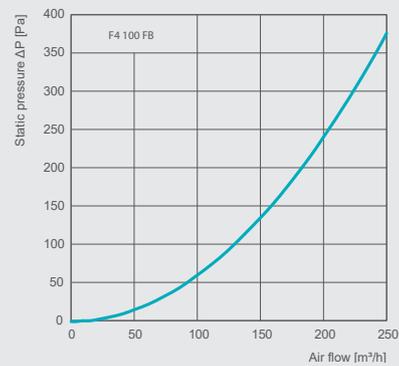
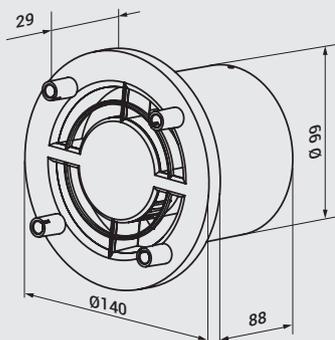
* Sizes are specified in [mm]



■ DIFFUSER F4 100 FB



- Compatible with both decorative and glass panels.
- Equipped with a flange to connect flexible air ducts.
- Removable outer grille for maintenance and service operations.



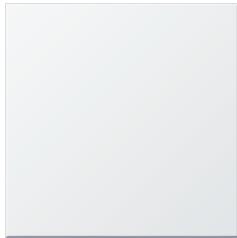


■ DECORATIVE PANELS

Multipurpose removable front panels allow to find a matching fan or fan grille design for any room interior.



■ DECORATIVE PANELS MADE OF ABS-PLASTIC



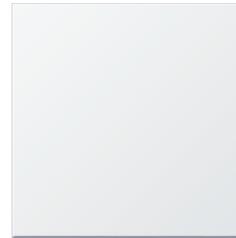
Plain



Plain red



Plain black sapphire



Plain wing



Plain metallic



Mystery



Freeze



Reef



Aqua



Mars



Disc



■ DECORATIVE PANELS WITH **METAL COVER PLATES**



Plain chrome



Plain alumat



Plain gold



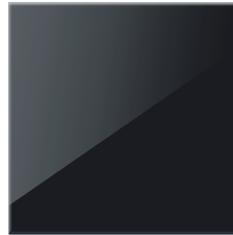
■ DECORATIVE PANELS MADE OF NATURAL GLASS



Glass



Glass red



Glass black

COMPATIBILITY TABLE

												
												
												
	FP 160 Plain	FP 180 Plain	FP 180 Plain wing	FP 180 Plain dim	FP 180 Plain metallic	FP 160 Reef	FP 160 Freeze	FP 180 Aqua	FP 180 Mars	FP 180 Mystery	FPB 180/125 Disc	FPB 180/100 Disc
100 Ace 												
125 Ace 												
100 Base 												
125 Base 												
150 Base 												
MV 100 FB 												
F4 100 FB 												

		FP 180 Plain chrome	FP 160 Plain chrome	FP 180 Plain alumat	FP 160 Plain alumat	FP 180 Plain gold	FPA 160 Class-1	FPA 180/100 Class-1	FPA 180/125 Class-1	FPB 160 Class-1	FPB 180/100 Class-1	FPB 1 80/125 Class-1	FPB 180/150 Class-1
100 Ace		■	■	■	■	■	■	■					
125 Ace		■		■		■			■				
100 Base		■	■	■	■	■				■	■		
125 Base		■		■		■						■	
150 Base		■		■		■							■
MV 100 FB		■	■	■	■	■							
F4 100 FB		■	■	■	■	■				■	■		



The manufacturer reserves the rights to modify any
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