Assistance fan		VBP st	VBP ms
Standard code		VBP042 VBP318*	VBP043 VBP331*
Airflow characteristics			
Max. airflow	m^3/h	400	400
Pressure @ 400 m^3/h	Pa	17 Pa @ 12V	14 Pa [1 VBP / 5-7 levels]
Acoustics			
Sound power level Lw @ 8 V	dB(A)	46	46
Electrics			
Power supply		from 8 VDC to 12 VDC	12 VDC regulated and stabilised
Max. current	A	1	1
Motor type		Electronic commutation	Electronic commutation
Power @ 300 m^3/h - 12V	W	16	16
IP degrees of protection		IP54	IP54
Characteristics			
Weight	kg	5,5	5,5
Colour		black	black
Material (envelope)		PAA 66 35 % G.F.	PAA 66 35 % G.F.
Dimensions	mm	612 x ø350	612 x ø350
Installation			
Max. available connections		1	1
Outlet	mm	ø240	ø240
Installation on terrace, head of the duct	mm	■	■
Working			
Direct driven propeller		■	■
Max. speed	RPM	1000	1000
Accessories			
Management box** with temperature sensor (ref. AVE996)		-	⊠
Wind gauge + special management box		-	compatible

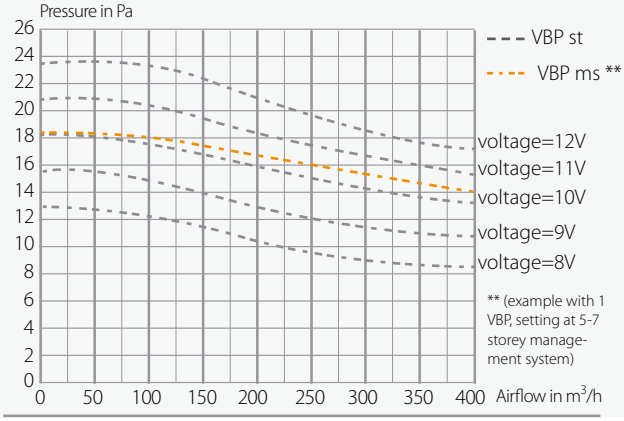
*: delivered with rain protection (clipped at the top of the VBP fan)
**: controls that all VBP fans connected are simultaneously in working order, and manage the power according to the temperature.

■ : standard ⊠ : mandatory

Important: The aeraulic performances below are measured according to EN 13141-5. They assess the fan alone, without taking into account the pressure losses of the adaptation part on the duct. The available pressure at the grilles can be much lower depending on the adaptation part used; so it is necessary to know the pressure losses of the ductwork in general and of the adaptation part in particular.

To guarantee satisfactory working of the system when the pressure losses of the adaptation part are unknown we advise to considering a capacity for the [VBP+adaptation part] system of around 315 m^3/h @ 10 Pa @ 12V, corresponding to an airflow of 7 grilles (each grille = 45 m^3/h @ 10 Pa).

Airflow characteristics



Dimensions in mm