VN-B 80 H

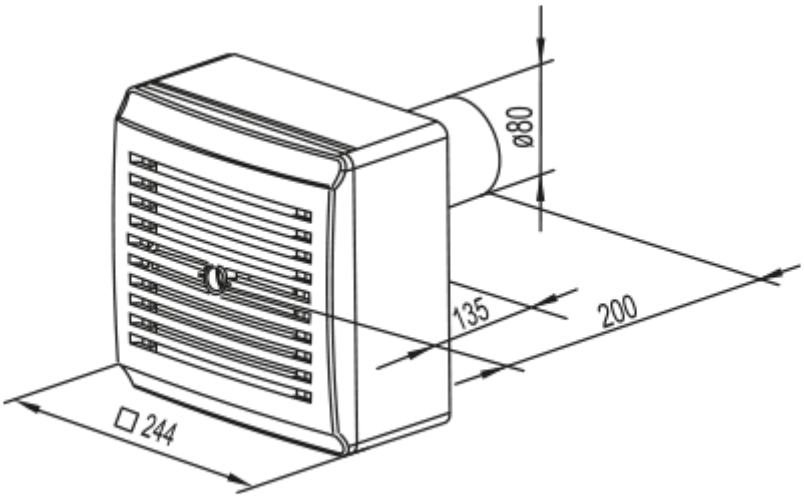


Wall-mounted centrifugal high-resistance fans in a plastic casing with vertical air discharge and an additional right side spigot

- Sound pressure level LpA at 3 m: 46
- Control: Wired control panel
- Casing material: Plastic
- Backdraft protection: Backdraft damper
- Humidity sensor: Built-in

	Unit of measurement	VN-B 80 H	
Speed	-	1	2
Connected air duct size	mm	80	
Phases	-	1	
Minimum supply voltage	V	220	
Maximum supply voltage	V	240	
Power supply frequency	Hz	50	
Rated power	W	15	44
Unit current	A	0.12	0.18
Maximum airflow	m^3/h	35	102
Rotation speed at 50hz	-	890	1830
Sound pressure level LpA at 3 m	dB(A)	27	46
Weight	kg	2.7	
Ambient air temperature min	°C	1	
Ambient air temperature max	°C	40	
Ingress protection rating	-	IP55	

Dimensions



Accessories

Fittings

Name	Photo	Description
PVT 050/10		The adhesive PVC tape is an insulation tape made of plasticized PVC base covered with a glue layer
PVT 050/30		The adhesive PVC tape is an insulation tape made of plasticized PVC base covered with a glue layer
PVT 050/50		The adhesive PVC tape is an insulation tape made of plasticized PVC base covered with a glue layer

Flexible ducts

Name	Photo	Description
Polyvent N		Flexible uninsulated air duct made of metallized film

Window vents

Name	Photo	Description
PO 400		Window ventilators for supply ventilation

Ecodesign

Trademark	Vents					
Model	VN-B 80 H					
Specific energy consumption (SEC) (kWh/(m²/a))	Cold		Average		Warm	
	-51.4	A+	-24.3	C	-8.8	F
Type of ventilation unit	Unidirectional					
Type of drive installed	Multi-speed					
Type of heat recovery system	None					
Maximum flow rate (m³/h)	100					
Electric power input (W)	27					
Reference flow rate (m³/s)	0.019					
Reference pressure difference (Pa)	50					
Specific power input (SPI) (W/(m³/h))	0.243					
Control typology	Local demand control					
Maximum external leakage rates (%)	2.7					
Declared typology	RVU UVU					
Sound power level (dB(A))	46					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	159		159		159	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	5536		2830		1280	