



VENTO Expert A100-1 S10 W V.2 BLK

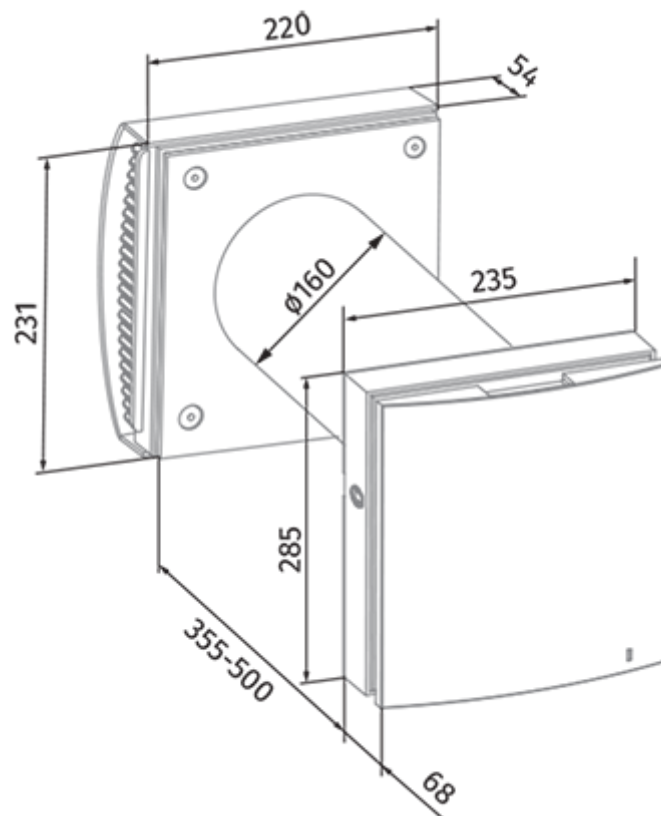
Single-room heat recovery units with Wi-Fi control

- Air flow in heat recovery mode: 54
- Sound pressure level LpA at 3 m: 42
- Sound pressure level LpA at 1 m: 51
- Heat exchanger type: Reversible
- Filter: G3 (Option: F7 PM2.5 > 99 %)
- Sound insulation
- Motor type: EC
- Enthalpy heat exchanger
- Control: Smartphone
- Humidity sensor: Built-in
- CO2 sensor: Optional
- VOC sensor: Optional
- PM2.5 sensor: Optional
- Temperature sensor: Optional
- Shutters

	Unit of measurement	VENTO Expert A100-1 S10 W V.2 BLK			
Connected air duct size	mm	160			
Speed	-	4			
Phases	-	1			
Minimum supply voltage	V	100			
Maximum supply voltage	V	240			
Power supply frequency	Hz	50/60			
Rated power	W	3.20	4.00	6.60	18.00
Unit current	A	0.037	0.046	0.071	0.151
Air flow in ventilation mode	m ³ /h	18	30	58	108
Air flow in heat recovery mode	m ³ /h	9	15	29	54
rotation speed at 50hz	-	780	1100	1920	2940
Sound pressure level LpA at 3 m	dB(A)	13	18	30	42
Sound pressure level LpA at 1 m	dB(A)	23	27	40	51
Heat recovery efficiency, max	%	87			
Heat exchanger type	-	Reversible			
Heat exchanger material	-	Ceramic			
Filter	-	G3 (Option: F7 PM2.5 > 99 %)			
Transported air temperature (max)	°C	40			
Transported air temperature (min)	°C	-20			




Ambient air temperature min	°C	1
Ambient air temperature max	°C	40
Ambient air humidity max	%	80
Ingress protection rating	-	IP24



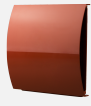








Dimensions





Accessories


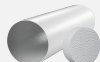
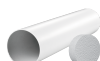
Hoods

Name	Photo	Description
AH-10 beige 160		Plastic hoods decoration of supply and exhaust vents of public, residential and industrial ventilation systems
AH-10 black 160		Plastic hoods decoration of supply and exhaust vents of public, residential and industrial ventilation systems
AH-10 brown 160		Plastic hoods decoration of supply and exhaust vents of public, residential and industrial ventilation systems

AH-10 chrome 160		Plastic hoods decoration of supply and exhaust vents of public, residential and industrial ventilation systems
AH-10 grey 160		Plastic hoods decoration of supply and exhaust vents of public, residential and industrial ventilation systems
AH-10 terracotta 160		Plastic hoods decoration of supply and exhaust vents of public, residential and industrial ventilation systems
AH-10 white 160		Plastic hoods decoration of supply and exhaust vents of public, residential and industrial ventilation systems
AH-11 vintage 160		Plastic hoods decoration of supply and exhaust vents of public, residential and industrial ventilation systems
AH-11 black 160		Plastic hoods decoration of supply and exhaust vents of public, residential and industrial ventilation systems
AH-11 brown 160		Plastic hoods decoration of supply and exhaust vents of public, residential and industrial ventilation systems
AH-11 grey 160		Plastic hoods decoration of supply and exhaust vents of public, residential and industrial ventilation systems
AH-11 terracotta 160		Plastic hoods decoration of supply and exhaust vents of public, residential and industrial ventilation systems
AH-11 white 160		Plastic hoods decoration of supply and exhaust vents of public, residential and industrial ventilation systems
PP 160/0.5		The outer hood is designed to prevent the ingress of water and large objects into the ventilation equipment from outside

Other accessories


Name	Photo	Description
AH-S chrome 160		Stainless steel ventilation hood
KIT BlauPlast white 160		Kit for angular mounting (for walls with standard thickness)

KIT BlauPlast chrome 160		Kit for angular mounting (for walls with standard thickness)
R 160-500		Air duct 160 mm and polystyrene foam plug
R 160-700		Air duct 160 mm and polystyrene foam plug



Other accessories

Name	Photo	Description
SE Vento Expert W		Control panel

Other accessories

Name	Photo	Description
FB Vento Expert A50		Remote control

Other accessories

Name	Photo	Description
CD-1		CO2 sensors
CD-2		CO2 sensors