

# VENTO EXPERT A100-1 S W V.2

## Single-Room Heat Recovery Ventilator with Wi-Fi

### Description

- o Vento Expert A100-1 S W V.2 designed to ensure filtration and supply of fresh air into the room as well as exhaust of stale air with energy regeneration. No freezing and condensation during operation.
- o Efficient supply and exhaust single-room ventilation air flow up to 64 CFM.

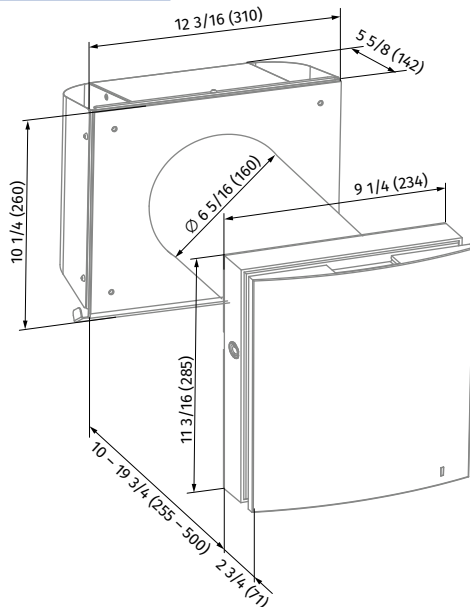


### Key Features

- o Unique Single Room Heat Recovery Ventilator.
- o One Vento Expert unit in ventilation mode can serve rooms up to 500 sq. ft.\*
- o Controlled by Android or iOS smartphone through the cloud server from any part of the world.
- o Wi-Fi communication between several ventilators for coordinated operation.
- o High-tech ceramic energy regenerator with max. heat recovery efficiency up to 87 %.
- o Built-in Humidity sensor, Timer and Weekly Scheduler.
- o Automatic air shutters.
- o Air cleaning with total MERV 5 class filters (optionally MERV 13 filter).
- o Antibacterial treatment of ERV core and filters.
- o Easy installation and maintenance.

\*In accordance with ANSI/ASHRAE Standard 62.2-2016

### Dimensions [in (mm)]



### Motor

- o Reversible fan with EC motor.

### Performance

Parameters	Vento Expert A100-1 S W V.2			
Speed	1	2	3	max
Supply voltage, 50/60 Hz [V]	1~100-240			
Power [W]	3.20	4.00	6.60	18.00
Max. current consumption [A]	0.037	0.046	0.071	0.151
Air flow in ventilation mode [CFM]	11	18	34	64
Air flow in regeneration mode [CFM]	5	9	17	32
RPM	780	1100	1920	2940
Sound [Sones]	0.2	0.4	2.2	5.0
Noise attenuation according to DIN EN ISO 10140-2: 2010 [Sones]	2.5			
Indoor/outdoor airtightness classification of the complete unit in accordance with EN 13141-8	D1			
Transported air temperature [°F (°C)]	-4...+104 (-20...+40)			
Regenerating efficiency [%]	≤ 87			
Ingress Protection	IP24			

MODEL	QUANTITY	COMMENTS	PROJECT
			location:
			architect:
			engineer:
			contractor:
			submitted by: