

# VENTO EXPERT DUO A30-1 S W

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

### Description

- o Vento Expert DUO A30-1 S W 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 18 CFM.

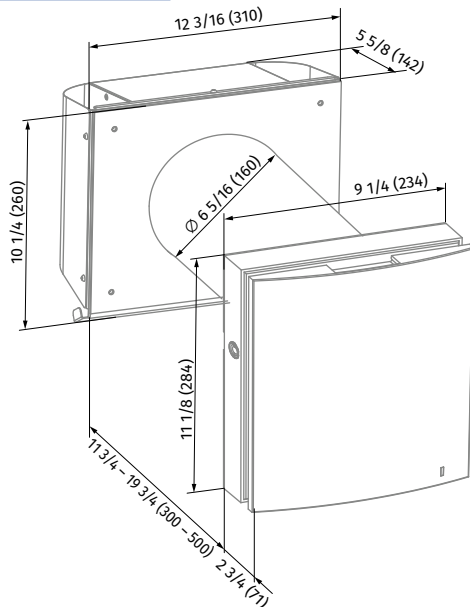


### Key Features

- o Unique Single Room Energy Recovery Ventilator.
- o One Vento Expert unit in ventilation mode can serve rooms up to 200 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 85 %.
- o Built-in Humidity sensor, Timer and Weekly Scheduler.
- o Automatic air shutters.
- o Air cleaning with total MERV 5 class filters.
- 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 DUO A30-1 S W |       |       |
|---|----------------------------|-------|-------|
| Speed   | 1                          | 2     | 3     |
| Supply voltage, 50/60 Hz [V]  | 1~100-240                  |       |       |
| Power [W]   | 2.17                       | 3.66  | 6.62  |
| Max. current consumption [A]  | 0.026                      | 0.039 | 0.066 |
| Air flow in ventilation mode [CFM]  | 6                          | 12    | 18    |
| Air flow in regeneration mode [CFM]   | 6                          | 12    | 18    |
| RPM   | 1600                       | 2200  | 2500  |
| Sound [Sones]   | 1.2                        | 2.0   | 2.5   |
| 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 | D2                         |       |       |
| Transported air temperature [°F (°C)]   | -4...+104 (-20...+40)      |       |       |
| Regenerating efficiency [%]   | ≤ 85                       |       |       |
| Ingress Protection  | IP24                       |       |       |

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