

TwinFresh Expert RW1-50-2 Wi-Fi

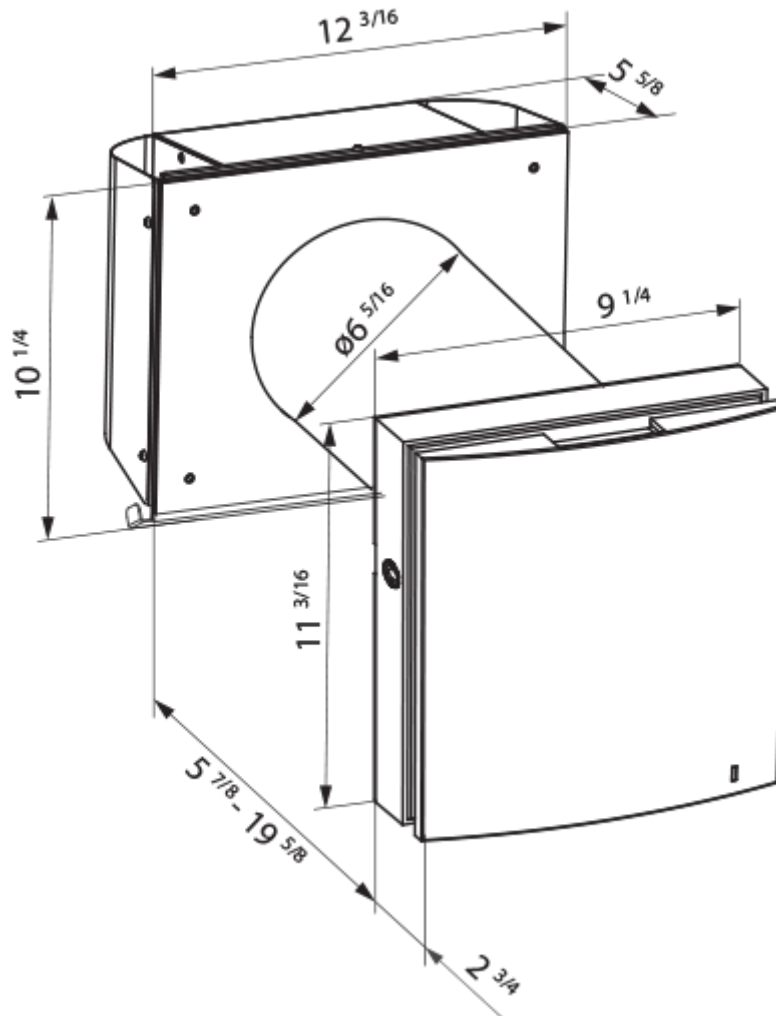


The TwinFresh Expert RW1-50-2 Wi-Fi is an enhanced version of the Expert, now featuring wireless connectivity. It retains all the original features and functions, with the added convenience of Wi-Fi control. You can now manage your Twinfresh Expert remotely, whether you're across the room or across the country, using any Android or iOS device

- Motor type: DC
- Enthalpy heat exchanger
- Control: Smartphone, Remote Control, Built-in control panel
- Casing material: Plastic
- Humidity sensor: Optional
- CO2 sensor: Optional
- VOC sensor: Optional
- PM2.5 sensor: Optional
- Sound pressure level LpA at 10 ft: 0.6





| | Unit of measurement | TwinFresh Expert RW1-50-2 Wi-Fi | | |
|---|---------------------|---------------------------------|-------|-------|
| Speed | - | 1 | 2 | 3 |
| Connected air duct size | in | 6 5/16" | | |
| Phases | - | 1 | | |
| Minimum supply voltage | V | 100 | | |
| Maximum supply voltage | V | 240 | | |
| Power supply frequency | Hz | 50/60 | | |
| Rated power | W | 4.45 | 5.08 | 7.06 |
| Maximum unit current | A | 0.035 | 0.040 | 0.059 |
| Air flow in ventilation mode | CFM | 9 | 18 | 30 |
| Air flow in heat recovery mode | CFM | 4 | 9 | 15 |
| Rotation speed at 60hz | - | 800 | 1300 | 1900 |
| Heat recovery efficiency, max | % | 93 | | |
| Heat exchanger material | - | Ceramic | | |
| Ingress protection rating | - | IP24 | | |
| Sound pressure level LpA at 3 ft | Sones | 0.6 | 1.0 | 1.2 |
| Sound pressure level LpA at 10 ft | Sones | 0.3 | 0.5 | 0.6 |
| Minimum wall thickness with MERV13 filter | in | 8 5/8" | | |
| Minimum wall thickness, in (mm) | - | 5 7/8" | | |



Dimensions



Accessories

Controls

| Name | Photo | Description |
|--------------------------|---|--|
| CO2-1 |  | The sensor is designed for indoor carbon dioxide concentration measurement and respective air capacity regulation through the control output signal to the fan. Air capacity control based on CO2 concentration is an efficient energy saving solution |
| CO2-2 |  | The sensor is designed for indoor carbon dioxide concentration measurement and respective air capacity regulation through the control output signal to the fan. Air capacity control based on CO2 concentration is an efficient energy saving solution |
| HR-S |  | Electro-mechanical humidistat |
| P3-1-300 |  | Created to optimize both product performance and homeowner comfort. Offers simplified control for ease of use |

| | | |
|-----------------------------|---|---|
| AC208EM2+LP |  | Created to optimize both product performance and homeowner comfort. Offers simplified sensor control for ease of use. Equipped with a temperature indicator |
| A50 |  | An electronic wall control timer that is compatible with all Frigate HRV/ERV models |