

# TwinFresh Expert RW1-50-2 Wi-Fi



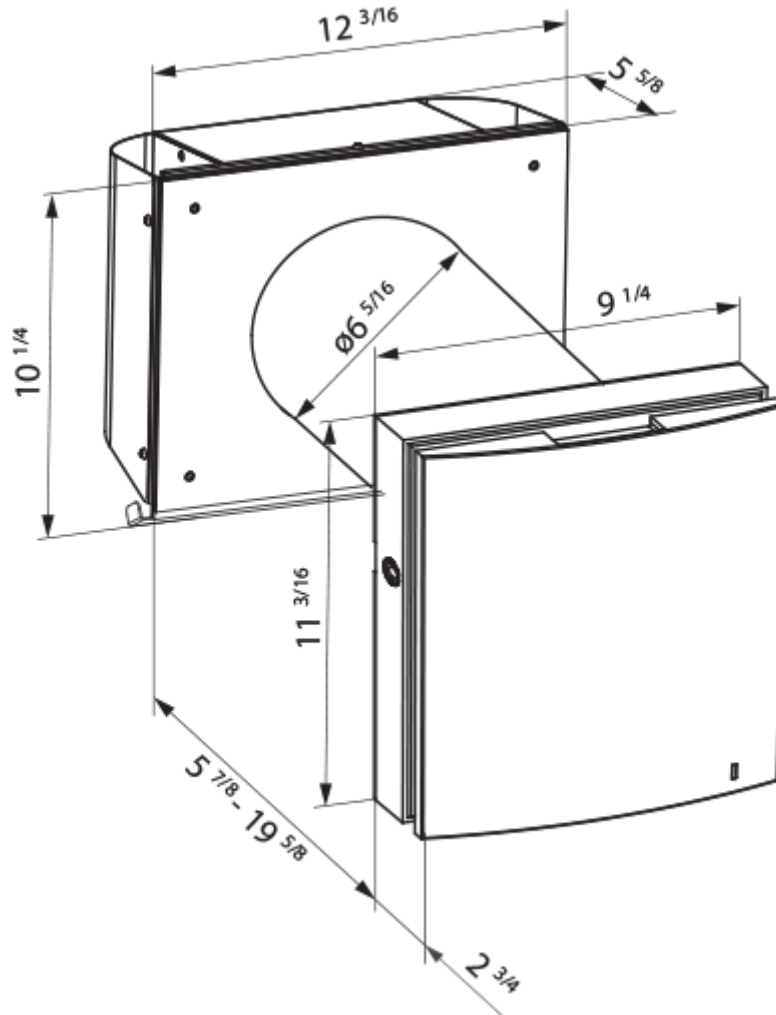
The TwinFresh Expert RW1-50-2 Wi-Fi is an enhanced version of the Expert, now featuring wireless connectivity. It retains all the original features and functions, with the added convenience of Wi-Fi control. You can now manage your Twinfresh Expert remotely, whether you're across the room or across the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

- Motor type: DC
- Enthalpy heat exchanger
- Control: Smartphone
- 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		
Connected air duct size	in	6 5/16"		
Speed	-	3		
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 50hz	-			
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 MERV14 filter	in	8 5/8"		




Minimum wall thickness, in (mm)	-	5 7/8"
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## Dimensions



## Accessories

### Controls

Name	Photo	Description
<a href="#">CO2-1</a>		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
<a href="#">CO2-2</a>		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
<a href="#">HR-S</a>		The humidistat is designed for controlling humidification and/or dehumidification in ventilation, air conditioning and heating systems. Can also be used to alarm when the humidity exceeds or falls below a pre-set level

<a href="#">P3-1-300</a>		<p>Created to optimize both product performance and homeowner comfort. Offers simplified control for ease of use</p>
<a href="#">AC208EM2+LP</a>		<p>Created to optimize both product performance and homeowner comfort. Offers simplified sensor control for ease of use. Equipped with a temperature indicator</p>
<a href="#">A50</a>		<p>An electronic wall control timer that is compatible with all Frigate HRV/ERV models</p>