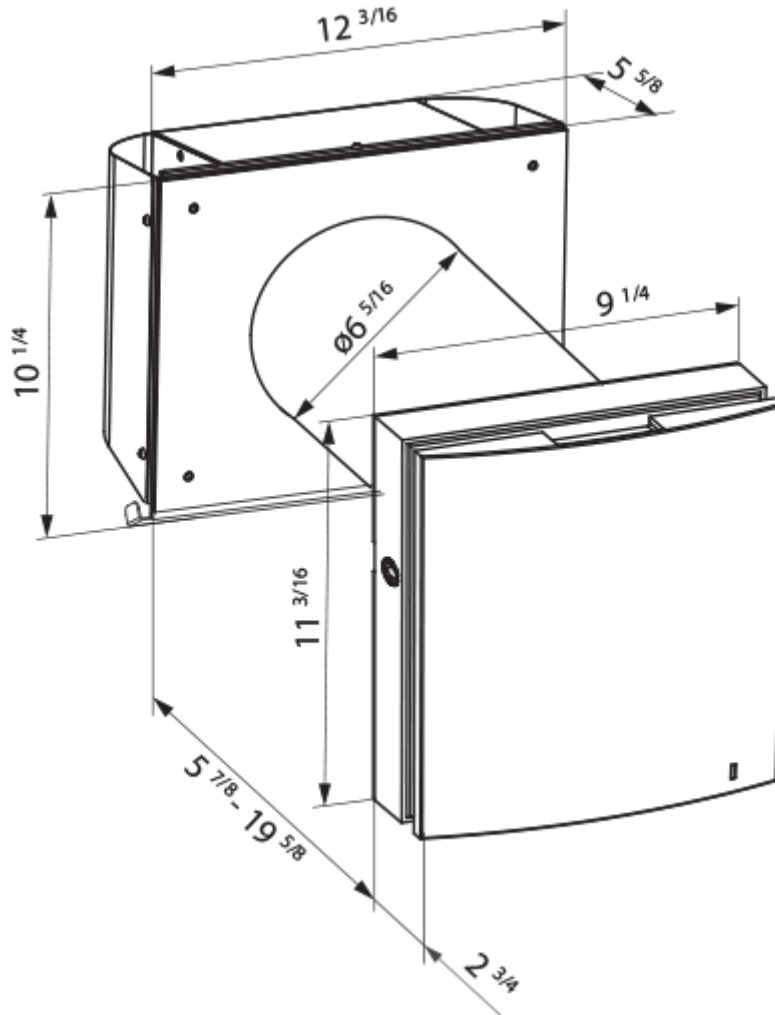# TwinFresh Expert RW1-50-2 Wi-Fi

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
- CO_2 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"

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		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

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