

# TwinFresh Expert RW1-85-2 V.2



The TwinFresh Expert RW1-85-2 V.2 is a state-of-the-art 50 CFM (max) Energy Recovery Ventilator (ERV) designed to provide you with a continuous supply of fresh, filtered air, all the while helping to reduce your energy costs. Wi-Fi enabled, it will provide ventilation for single rooms of up to 500 square feet. Perfect for new builds, renos, apartments, cottages and tiny homes. No ducting required

- Motor type: DC
- Enthalpy heat exchanger
- Control: Smartphone
- Casing material: Plastic
- Humidity sensor: Optional
- CO2 sensor: Optional
- VOC sensor: Optional
- PM2.5 sensor: Optional

	Unit of measurement	TwinFresh Expert RW1-85-2 V.2			
Connected air duct size	in	6 1/4"			
Speed	-	4			
Phases	-	1			
Minimum supply voltage	V	100			
Maximum supply voltage	V	240			
Power supply frequency	Hz	50/60			
Rated power	W	3.3	3.84	4.65	9.68
Maximum unit current	A	0.048	0.056	0.075	0.106
Air flow in ventilation mode	CFM	9	18	29	50
Air flow in heat recovery mode	CFM	4	9	15	25
rotation speed at 50hz	-				
rotation speed at 60hz	-	1050	1600	2270	2930
Heat recovery efficiency, max	%	70			
Ingress protection rating	-	IP24			
Sound pressure level LpA at 10 ft	Sones	0.5	0.7	1.5	2.1
Sound pressure level LpA at 3 ft	Sones	0.7	1.5	3.0	4.3
Minimum wall thickness with MERV14 filter	in	8 5/8"			
Minimum wall thickness	in	5 7/8"			

## Dimensions

