

TwinFresh Expert RA1-50-2



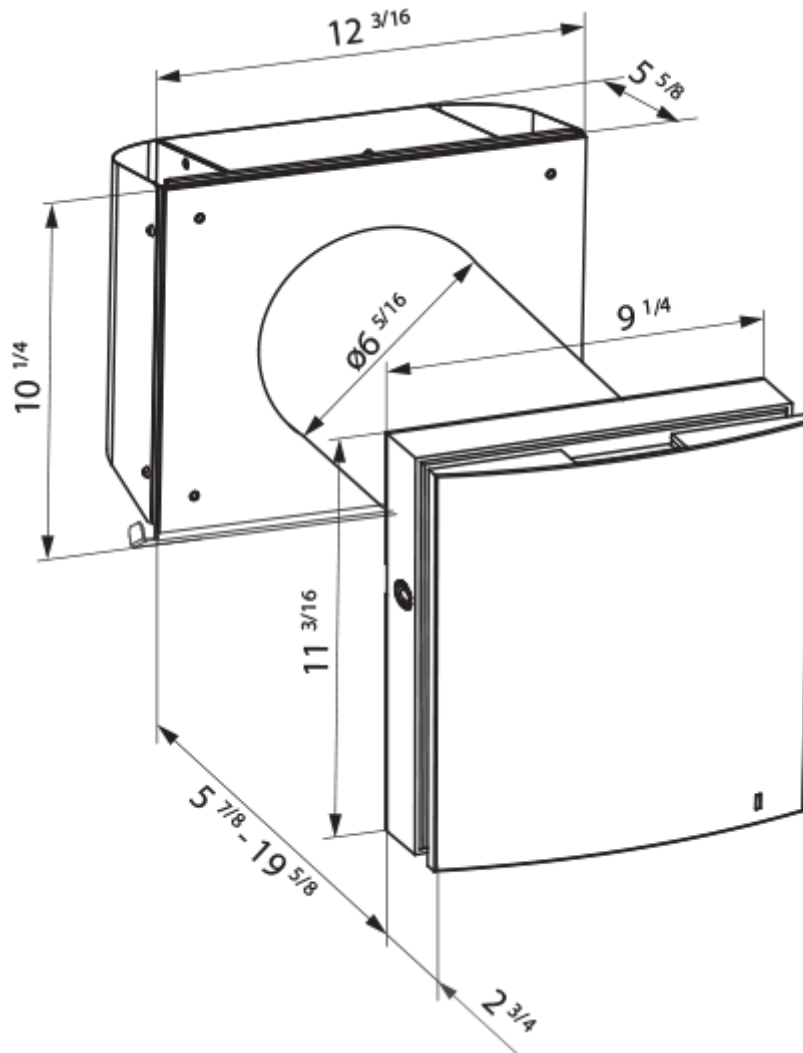
TwinFresh Expert is the most state-of-the-art and efficient solution for a comfortable indoor climate and required air exchange in renovated premises, brand new recently inhabited houses or reconstructed apartments

- Heat exchanger type: Regenerative
- Filter: MERV 5 (option: MERV 14)
- Motor type: DC
- Enthalpy heat exchanger

	Unit of measurement	TwinFresh Expert RA1-50-2		
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	3.70	4.50	6.00
Maximum unit current	A	0.04	0.06	0.09
Air flow in ventilation mode	CFM	1	15	30
Air flow in heat recovery mode	CFM	4	9	15
rotation speed at 50hz	-	917	1490	2190
rotation speed at 60hz	-	917	1490	2190
Heat recovery efficiency, max	%	93		
Heat exchanger type	-	Regenerative		
Heat exchanger material	-	Ceramic		
Filter	-	MERV 5 (option: MERV 14)		
Ingress protection rating	-	IP24		
Sound pressure level LpA at 3 ft	Sones	0.3	0.3	1.3
Sound pressure level LpA at 10 ft	Sones			



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