

# SRF100

Single Room Heat Recovery Unit



## Features & Benefits

- Fits in 100mm diameter hole – ideal for refurbishments
- Up to 78% heat recovery
- Choice of control options
- Summer setting
- Helps prevent noise ingress
- Continuous running or intermittent extract
- 6/ 9/ 15 l/s
- Low SFP of 0.3W/l/s



*Improving air quality on a room-by-room basis, the SRF100 through-the-wall mounted range of heat recovery ventilation units simultaneously extract stale air and introduce fresh air – warming the incoming air flow with heat recovered from the exhaust stream.*



Winners of the Energy Efficiency Initiative 2011 Award with our Lo-Carbon Continuous Ventilation Product Range.



## Through-The-Wall Mounted Heat Recovery Unit

The SRF100 is designed to fit in 100mm diameter hole and is suitable for refurbishment, kitchen, bathroom, toilet or utility applications. The SRF100 is available in two models, a P version with pullcord control and an HTP version with built-in pullcord, overrun timer and humidistat. The manual summer setting allows the unit to be set to extract only, helping to prevent a dwelling becoming too warm in hot summer conditions.

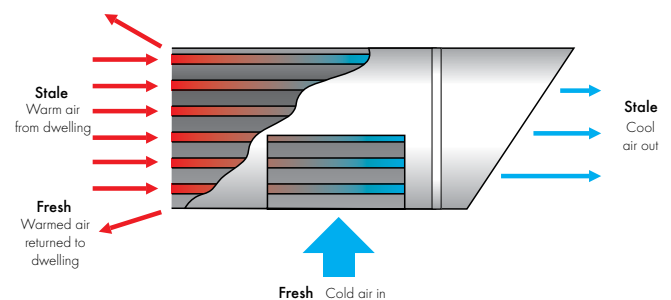
## Performance

The SRF100 can be set to run continuously at 6 l/s or 9 l/s, boosting up to 15 l/s, recovering heat from extracted air and returning it to the dwelling. The unique, compact heat exchanger has a temperature efficiency up to 78%, saving energy and reducing your carbon footprint. For intermittent extract the SRF100 is set to 15 l/s. The EC/DC motor with twin impellers consumes as little as 3.2 Watts on trickle rate and runs almost silently at only 20dB(A).

## Typical Installation

The unique heat exchanger design allows the SRF100 to be fitted in a 100mm diameter hole, allowing it to replace standard 100mm extract fans while giving all the benefits of heat recovery. Maximum wall thickness is 320mm.

## Heat Exchange



## Models

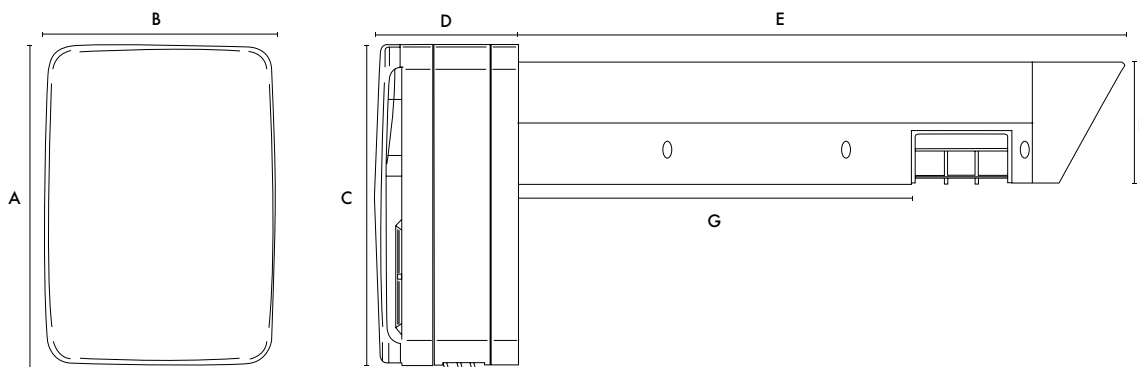
Model	Description	Art. no.
SRF100 P	Through-The-Wall Mounted Heat Recovery Unit wall thickness up to 320 mm	433120
SRF100 HTP	Through-The-Wall Mounted Heat Recovery Unit wall thickness up to 320 mm	433121
SRF100 P Long	Through-The-Wall Mounted Heat Recovery Unit wall thickness up to 460 mm	
SRF100 HTP Long	Through-The-Wall Mounted Heat Recovery Unit wall thickness up to 460 mm	

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## Dimensions (mm)



Dimensions in MM	A	B	C	D	E	F	G
Standard	266	190	262	117	496	100	321
Long	266	190	262	117	636	100	461

## Performance

Model	Extract Performance l/s			Power Consumption Watts			Sound @dB(A)		
	Trickle Low	Trickle High	Boost	Trickle Low	Trickle High	Boost	Trickle Low	Trickle High	Boost
SRF100 P	6	9	15	3.2	5.7	26.6	20	22	36
SRF100 HTP	6	9	15	3.2	5.7	26.6	20	22	36

\*Octave band frequency range of 250Hz to 4KHz at 3m. Unit mounted on a reflective surface.

## Models



### SRF100 P (Pullcord)

Constant trickle speed with pullcord to boost or intermittent operation by pullcord.



### SRF100 HTP (Humidistat/Timer/Pullcord)

Constant trickle speed with humidistat and linked overrun timer to boost or intermittent operation by switch live.