

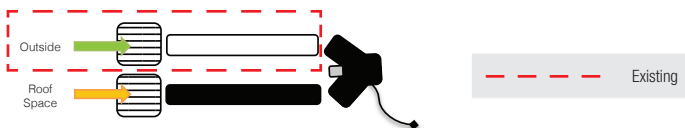
Heat and Energy Recovery Systems Seasonal Upgrades

+ Flexibility Roof Cavity Air Supply

Upgrade	SYN190E2	SYN1015E2	BAL225	SYN2025E2	SYN3035E2	BAL405
Second Air Source	DCT4361		-	DCT4361		-

+ Flexibility Roof Cavity Air Supply is an optional second air intake located in the roof cavity. This feature allows the system to utilise the roof cavity temperature for increased air source flexibility.

DCT4361



+ Heat Heat Transfer

Upgrade	SYN190E2	SYN1015E2	BAL225	SYN2025E2	SYN3035E2	BAL405
Heat Transfer	FAN7112	FAN6905	-	FAN6905		-

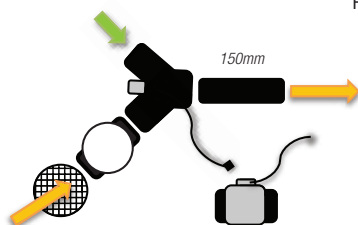
+ Heat Heat Transfer has a motorised damper and external fan that operates to switch the air drawing from either the outside or roof cavity to instead draw air from the room where there is a heat source (usually a lounge) and transfer it to the bedrooms. This feature can also provide an alternative air supply. When installing a + Heat Heat Transfer feature, an adequate heat source is required that is capable of delivering enough excess heat to warm rooms it is transferred to, while remaining effective in the source room.

- It is important to point out that when + Heat Heat Transfer is activated, the system is not bringing in fresh air, or extracting stale air, therefore not ventilating the home - however the home is getting the benefit of transferring heat around the house (e.g. cold winter nights). It also shuts off any supply back into the heat source room.

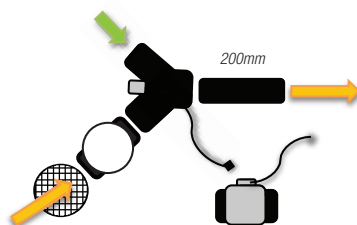
Note:

- + Heat Heat Transfer is recommended when there is a heat source that creates excess heat (i.e. wood fire or similar).
- + Heat Heat Transfer can also be used to manage the preferred temperature and moisture conditions in the home when added to a SmartVent Synergy2 system.
- A heat pump sized for the room it occupies may not be suitable for + Heat Heat Transfer.
- If planning to use a heat pump with + Heat Heat Transfer, first consult the heat pump installer/manufacturer.

FAN7112



FAN6905



Recycle

The Recycle function will recycle inside air around the home when other air sources are not suitable. The recycle function for SmartVent Synergy2 systems is a feature of the + Heat Heat Transfer upgrade.

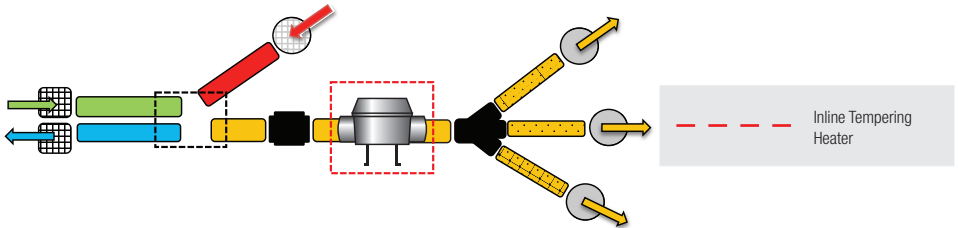
Heat and Energy Recovery Systems Seasonal Upgrades

Tempering Heater

Upgrade		SYN190E2	SYN1015E2	BAL225	SYN2025E2	SYN3035E2	BAL405
Tempering Heater	1kW	DCT3478	DCT3231	-	DCT3231	-	-
	2kW	-	DCT3230	-	DCT3230	-	-

A Tempering Heater is an element in line heater designed to temper the incoming air.

- Specified when the ability to temper the delivered air to a more comfortable temperature is required.
- Tempering heaters will not provide a home heating solution.
- The temperature of the introduced air can be raised by up to 8°C. The temperature of the home will not increase by this much.
- A SmartVent system with an inline tempering heater is not intended to be a substitute for an effective heating system in the home.



+ Bypass Core Bypass

Upgrade	SYN190E2	SYN1015E2	BAL225	SYN2025E2	SYN3035E2	BAL405
Core By-pass	FAN2172	-	integrated	-	-	integrated

This feature diverts fresh filtered air around the core. This is useful in summer when the outside temperature is assumed to be lower than the inside and you do not want to warm the incoming air with the air you are extracting from the home. A + Bypass Core Bypass is included as standard in Balance BAL225 and BAL405. It is available as an optional extra for Synergy2 SYN190E2.

- The + Bypass Core Bypass enables the system to bypass the core in the summer when heat recovery is not desirable. In the summer, + Bypass Core Bypass ensures the coolest possible air is used to ventilate the home.

FAN2172

