SmartVent Synergy3

CONTROL INDOOR CLIMATE

Reduce moisture, mould and mildew with multiple comfort add-on options



OVERVIEW

A flexible, energy-efficient solution with app control, four sensors, and an advanced touchscreen. Up to 75% energy recovery and the option to integrate heat transfer, multiple air sources and additional heaters.

BEST FOR

Homes with a fireplace, an existing/alternative extraction system or applications where there is a shallow roof cavity. Not suitable for bathroom extraction.



SMARTVENT SYNERGY3 RANGE

What is the size of your home (m²)?	Model	Description	Order Code
Up to 150m²	SYN1015AD	3 supply outlets/1 extract (expandable to 4 outlets/2 extracts*)	FAN7523
		SYN1015AD Core and Controller only	FAN1430
Up to 250m²	SYN2025AD	3 supply outlets/1 extract (expandable to 5 outlets /2 extracts*)	FAN7524
		SYN2025AD Core and Controller only	FAN1431
Up to 350m²	SYN3035AD	3 supply outlets/1 extract (expandable to 6 outlets /2 extracts*)	FAN7525
		SYN3035AD Core and Controller only	FAN1432

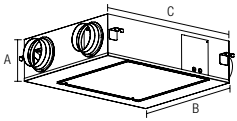
ADD-ONS

	Additional Outlet	Additional Extract	Additional Fans	Flexi Air Source	Heat Transfer	Tempering Heater Small (1kW)*	Tempering Heater Large (2kW)*
SYN1015AD	DCT4015	DCT4016	FAN7017	DCT4361	FAN6905	DCT3231	DCT3230
SYN2025AD	DCT4015	DCT4016	FAN7018	DCT4361	FAN6905	DCT3231	DCT3230
SYN3035AD	DCT4015	DCT4016	FAB7019	DCT4361	FAN6905	DCT3231	DCT3230

SPECIFICATIONS

Specifications	SYN1015AD	SYN2025AD	SYN3035AD
Fan Type	AC Centrifugal		
Max. Fan Core	2		
Spigot Size	150mm		
Fan Speeds	3		
Max. Air Flow per Fan @ 0 Pa	77 l/s, 277 m³/hr	97 l/s, 350 m³/hr	130 l/s, 468 m³/hr
Max. Air Flow per Fan @ 150 Pa	38 l/s, 137 m³/hr	60 l/s, 216 m³/hr	90 l/s, 324 m³/hr
Max. Static Pressure per Fan	238 Pa	285 Pa	354 Pa
Total Input Power	120W	178W	280W
Current (A)	0.46A	0.7A	1.1A
Operating Temp	–10ºC to 40ºC		
Sound Level	31.5 dB(A)	34 dB(A)	37 dB(A)

Dimensions (mm)	A	B	C
SYN1015AD	230	690	860
SYN2025AD	230	710	930
SYN3035AD	240	820	1070

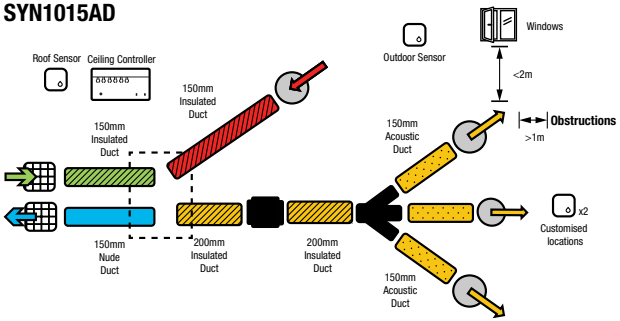


Features	
App Control	
WiFi Connect	
Dew Point Control	
Humidity Sensing	x4
Temperature Sensing	x4
Low Temperature Protection	
Auto or Manual Operation	AUTO MAN
Core Efficiency (ºC)	Up to 75%
Boost Control	
Filter Change Alert	
Screen Brightness Control	
Scheduler	WEEKLY

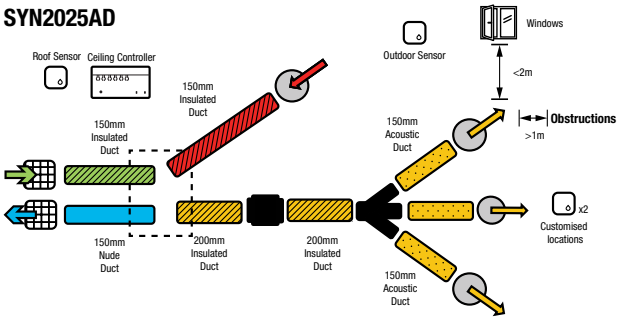
Filter Replacement	
F7 Standard Filter	DCT2093
F7 HEPA Filter with Carbon	DCT2278
F7 Standard Filter with Carbon	DCT2277
G3 Filter for SYN1015AD	DCT4496
G3 Filter for SYN2025AD	DCT4497
G3 Filter for SYN3035AD	DCT4498

* Synergy3 systems require both an F7 Filter and G3 Filter. The F7 Filter (found in the ducting) cleans your air, and the G3 Filter (found in the core) protects your system's fan.

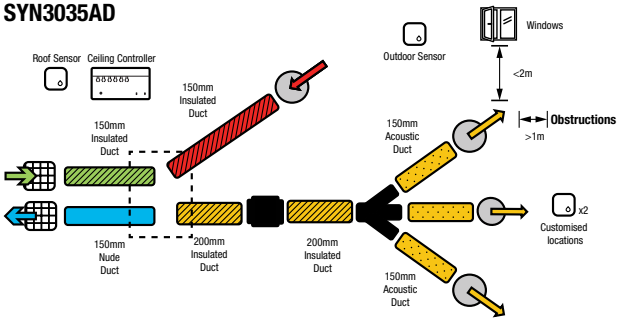
SYN1015AD



SYN2025AD



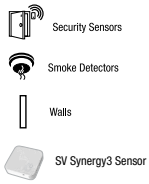
SYN3035AD

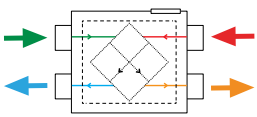


Synergy3 Componentry	3 Supply and 1 Extract
150mm Supply Diffuser	3
150mm Extract Diffuser	1
150mm Fixed Grille	2
G3 Filter	2
F7 Filter	1
Energy Recovery AHU (inc. Fans and Core)*	1
Nude Ducting	1x 150mm x 6m
Insulated Ducting	2x 150mm x 6m 1x 200mm x 3m
Acoustic Insulated Ducting	3x 150mm x 6m
Double Branch 200/150/150/150	1
Duct Joiner	1x 150mm
Reducer	1x 200/150mm
Humiduty Sensor	4

*Synergy system base components are identical except for the core.

Distance from obstructions such as





Return Air
Moist, humid air is extracted from the home

Outside Air
Fresh air drawn in from outside

Exhaust Air
Moist, stale air forced out of the home

Supply Air
Tempered air enters the home