

A photograph of a Zehnder ComfoAir Q ventilation unit installed in a modern interior. The unit is white with a black top section and a red Zehnder logo at the bottom. It is connected to two large grey ducts. To the left, a wooden staircase with a metal railing is visible. The background is a light blue wall and a white pillar. The floor is made of light-colored tiles.

zehnder

■ Decorative radiators ■ Comfortable indoor ventilation ■ Heating and cooling ceilings ■ Industrial air cleaning

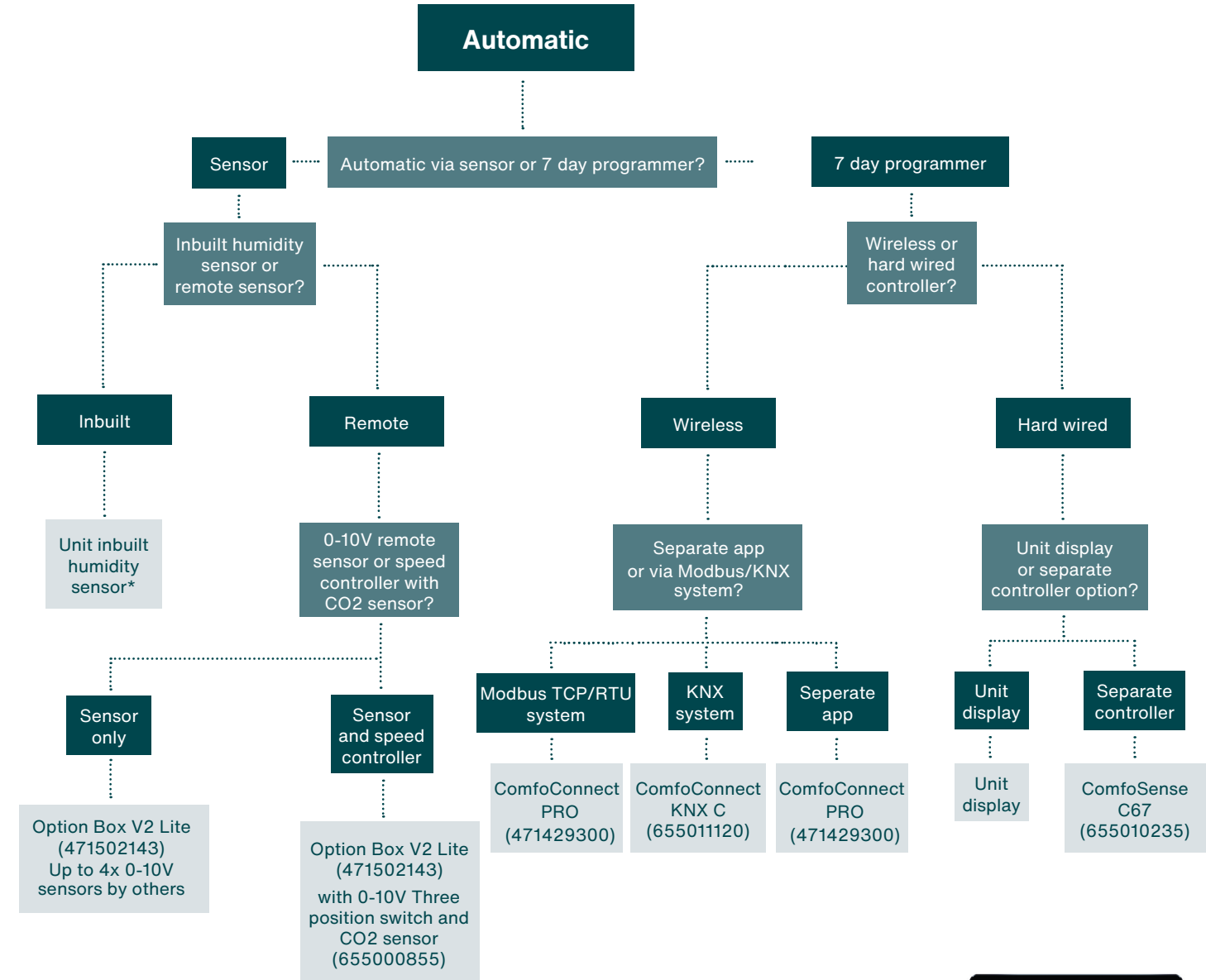
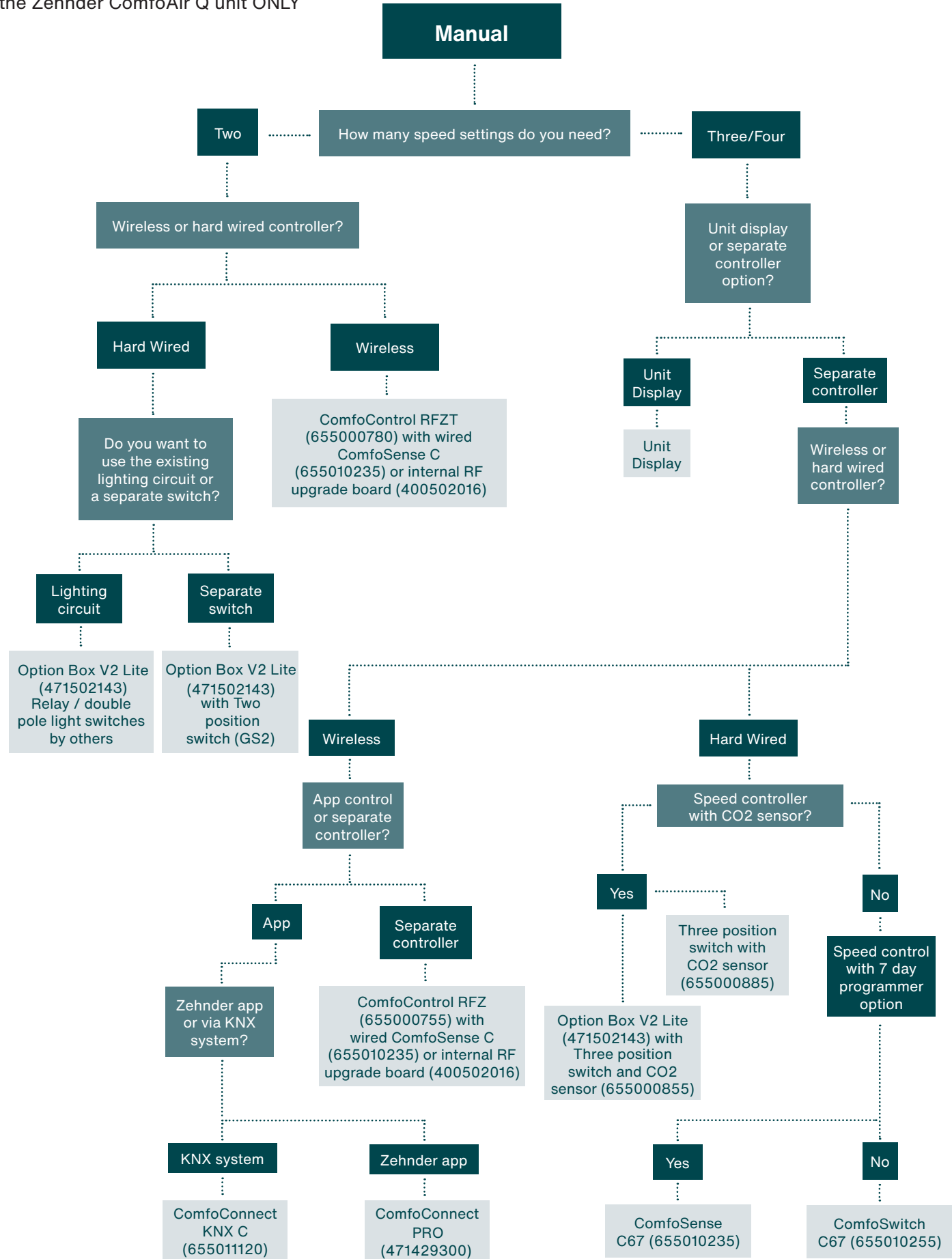
Zehnder ComfoAir

Controls Literature

always the best climate

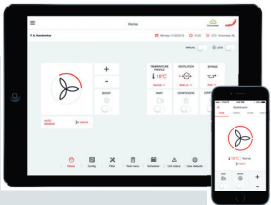
What type of control do you require?

Please note - these controls apply to the Zehnder ComfoAir Q unit ONLY



Total control - anywhere, anytime

The ComfoConnect PRO Internet and smart home interface opens up a huge range of possibilities. Technicians can monitor system maintenance, planning and function via the web portal. And of course this also makes controlling and programming the system convenient for the owner, who can control it either on a PC or – for even more convenience – using the ComfoControl app from a smartphone or tablet while on the move or on the sofa.



		Number of speeds	7 day programmer	Manual temporary high speed activation setting	Overrun timer	Delay on timer	Fault/filter indicator	Summer bypass/frost protection indicator	LCD display	Child lock	Fire alarm input to shut down motors	0-10V input	Smart Home protocols, Modbus RTU/TCP	KNX control	Zehnder Comfo Control app	RF	240V input
	Option Box V2 Lite(471502143)																
	Option Box V2 (471502107)	2-4			Yes	Yes	Yes ⁴				Yes	Yes (4x)					Yes (via relay)
	12V 0-10V CO2 C67 sensor (655000855) ¹	3		Yes													
	12V 0-10V CO2 sensor (655000755) ²	3		Yes													
	ComfoControl RFZ wireless controller (655000755)	3		Yes	Yes		Yes									Yes	
	ComfoControl RFZT (655000780)	2			Yes		Yes									Yes	
	ComfoSwitch C67 (655010255)	4		Yes	Yes		Yes										
	ComfoSense C67 (655010235)	4	Yes	Yes	Yes		Yes	Yes	Yes	Yes							
	ComfoConnect PRO (471429300)	4	Yes	Yes	Yes		Yes	Yes					Yes		Yes		
	ComfoConnect KNX C (655011120)	4	Yes	Yes	Yes		Yes				Yes			Yes			
	Unit display ³	4	Yes	Yes	Yes		Yes	Yes	Yes	Yes							

Number of speeds

2 = Low / High

3 = Low / Medium / High

4 = Away / Low / Medium / High

7 day programmer:

The unit can be setup to change speed on an hourly basis, this can be set to change each day or setup for weekend/ weekday settings. The programmer can be overridden by manually adjusting the current speed setting, at the next 7 day programmer change the unit will revert back to its automatic setting.

Manual temporary high speed activation setting:

The unit will be placed into a temporary high speed when this is selected. It will run for the defined time and then revert back to its original speed setting. The high speed time can be adjusted.

Overrun timer:

Overrun timer is either pre-set (ComfoControl RFZ wireless controller (655000755)) or can be adjustable to between 0-120min

0-10V input:

Four individual 0-10V inputs with separate 12V power outputs. For 24V power a separate power supply is required. The ComfoAir Q can be set to adjust its speed proportional or to specific flow pre-sets based on the sensors signal. The priority of how the unit reacts based on the sensors signal can also be adjusted.

RF:

Radio Frequency battery operated speed controller. The controller must be used in conjunction with the ComfoSense C67 (655010235) or RF upgrade board (400502016) as the master receiver. Multiple controllers can be used for one unit. The distance will vary dependent on obstacles, however typically the limitation is 100m in free field.

240V:

A 240V MUST go through a relay (by others) first, this can then be connected to the volt free contact on the Option Box V2 Lite to increase the ventilation to speed 3. The 240V switch live signal could be from a standard two position switch or linked to double pole light switches to enable the ventilation speed increase when turning on the light. This option can be used in conjunction with the delay on timer or overrun timer. For an example wiring digram, please see the ComfoAir Q or Option Box V2 Lite datasheet.

1: For use with Option Box V2 Lite (471502143) or Option Box V2

2: For use with ComfoSense C67 (655010235) or RF upgrade board (400502016)

3: As standard on all ComfoAir Q units

4: Fault output for use on BMS systems