

TwinFresh Comfo control and operation modes

The TwinFresh Comfo series ventilators are equipped with a remote controller. If several ventilators are integrated into a central remote controlled ventilation network the signal from the remote controller is received by the first ventilator only.

- Ventilator on/off**
 (Power button)
- Speed switching**
 (Fan speed icons)
- Passive air supply:**
 The automatic shutters are opened but the fans are OFF
- Ventilation:**
 All the ventilators in the network operate in permanent air extract or air supply mode. To ensure balanced ventilation it is advisable to set one half of the ventilators into air supply mode and the other part of the ventilators into air extract mode.
- Selection of humidity control mode:**
 The humidity set point is adjustable for 45, 55 or 65%. The ventilator speed control up or down keeps the comfortable indoor humidity.
- Night mode:**
 The integrated photo sensor sends a signal to turn the ventilator into low speed mode.
- Air supply:**
 All the ventilators operate in air supply mode no matter of the adjustment to deliver fresh air to the premises.
- Heat recovery ventilation:**
 The ventilators switch between air supply and air extract each 70 seconds. To attain the best result we recommend to set the ventilators into opposite phase operation modes.

The manual switches for basic operation modes on the ventilator housing make the TwinFresh Comfo control still more convenient and practical. Set the operation mode switches to medium position to enable remote control of the ventilator.

- High speed**
- Off**
- Medium speed**
- Ventilation**
- Heat recovery ventilation**
- Air supply**

TwinFresh Comfo technical data

	TwinFresh Comfo RA1-25			TwinFresh Comfo RA -35 TwinFresh Comfo RA 1-35			TwinFresh Comfo RA-50 TwinFresh Comfo RA1-50		
	1	2	3	1	2	3	1	2	3
Speed									
Supply voltage, 50/60 Hz [V]	1-100-230								
Power [W]	3.5	3.95	5.32	3.93	4.39	5.10	3.8	3.96	5.61
Max. current consumption [A]	0.023	0.026	0.036	0.023	0.026	0.032	0.024	0.026	0.039
Max. air capacity [m ³ /h]	7	15	24	10	20	30	14	28	54
RPM [min ⁻¹]	1190	1330	2420	745	1075	1670	610	800	1450
Sound pressure level at 1 m distance [dB(A)]	31	35	43	27	32	38	22	29	32
Sound pressure level at 3 m distance [dB(A)]	22	25	33	18	23	28	13	20	23
Outdoor sound pressure attenuation [dB(A)]*	16			17			18		
Max. transported air temperature [°C]	from -20 up to + 50								
Regenerating efficiency	≤85 %			≤90 %			≤90 %		
Regenerator type	Ceramic								
Air duct size [mm]	Ø100			Ø125			Ø150		
Ingress Protection	IP 24								

* The outdoor sound pressure attenuation was measured by comparing the indoor sound pressure level in an open air duct inside the wall and the indoor sound level with the ventilator built inside the wall.

	TwinFresh Comfo SA-35 TwinFresh Comfo SA1-35		
	1	2	3
Speed			
Supply voltage, 50/60 Hz [V]	1-100-230		
Power [W]	4.54	5.18	6.1
Max. current consumption [A]	0.026	0.031	0.037
Max. air capacity [m ³ /h]	12	25	37
RPM [min ⁻¹]	851	1330	1715
Sound pressure level at 1 m distance [dB(A)]	28	33	39
Sound pressure level at 3 m distance [dB(A)]	19	24	29
Outdoor sound pressure attenuation [dB(A)]*	18		
Max. transported air temperature [°C]	from -20 up to + 50		
Regenerating efficiency	≤88 %		
Regenerator type	Ceramic		
Air duct size [mm]	150x150		
Ingress Protection	IP24		

* The outdoor sound pressure attenuation was measured by comparing the indoor sound pressure level in an open air duct inside the wall and the indoor sound level with the ventilator built inside the wall.