

Technical data



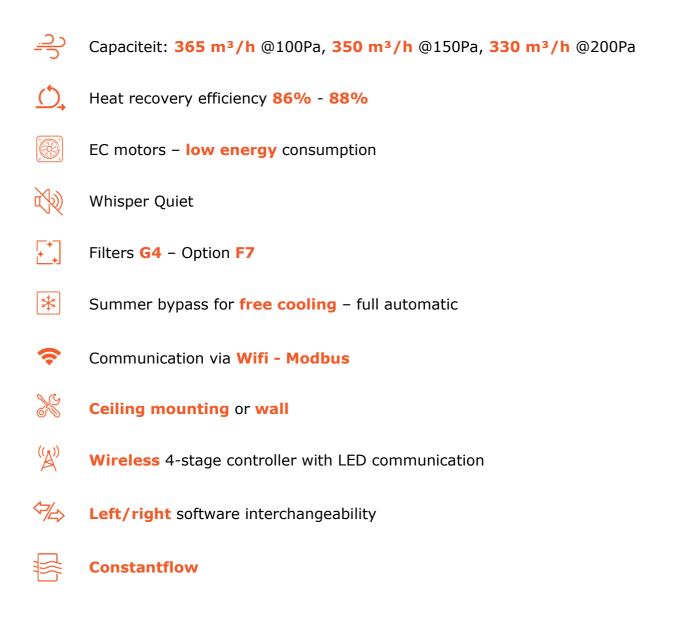
Mechanical Ventilation with Heat Recovery (MVHR) for ceiling mounting



ICTUS C330

The ICTUS C330 is a lightweight, next-generation ventilation unit with heat recovery. With an airflow capacity of up to 330 m³/h, the unit is perfect for family homes and apartments. This model can be mounted to both ceilings and walls and can be used in renovation and new projects. During the summer months, the 100% bypass function can be used for free cooling.

Key features:





Technical details (ERP – ECODESIGN)

Туре	AirSmart ICTUS C330				
Type of unit	Ventilation with heat recovery				
Model	C330				
Ventilator type	DC				
Utility power	220-230 VAC				
Max power (A)	1.35				
Frequency	50 Hz				
Max. airflow at 100 Pa pressure	365 m³/h				
Max. airflow at 150 Pa pressure	350 m³/h				
Max. airflow at 200 Pa pressure	330 m³/h				
steering	With 4 stage switch Via APP (Android & IOS) Demand control CO ₂ , RH, motion,				
Type of ventilator control	Automated control				
Constant flow	Certified constant flow with NTC				



Technical details						
Control	Centralized steering Measured locally with CO_2 , VOC , RH					
Filter type	G4 (optional F7)					
Indiantian fan filtan alaaning an	Filter alarm via LED indication on the unit o via APP					
Indication for filter cleaning or renewal	Filters need to be cleaned every 3 months and replaced once a year.					
Casing material	EPP (expanded polypropylene)					
Bypass	100%					
Bypass steering	Automated, based on the outside temperature					
Heat exchanger	Counterflow plastic plate					
Mounting	Mounting brackets with vibration dampers					
Connector extraction (mm)	2 x diam. 180					
Connector pulsion (mm)	2 x diam. 180					
Max. electrical power (W)	174W					
Dimensions (HxWxD)	1065mm x 770mm x 327mm					
Weight	15 KG					



Accoustic performance dB(A) m ³										
Airflow m³/h	256 m³/h	291 m³/h		366 m³/h		401 m³/h				
Sound pressure EPP case	45	45,9		47,1		48				
Sound pressure extraction duct	37,2	41,9	ŗ		0,8		51,9			
Sound pressure pulsion duct	57	58,2	. 5		9,1		60,3			
Energy efficiency										
Airflow m³/h		203 m³/h	247 m³/h		284 m³/h		329 m³/h			
Thermal efficiency in % - EN 308		89%	88%		87%		86%			
Total power at 150 Pa external 2 ventilators + control in W		53W	75W		95W		152W			
Max output		87 watt/fan								
Demand control		yes								
Bypass		100%								