



Technical data



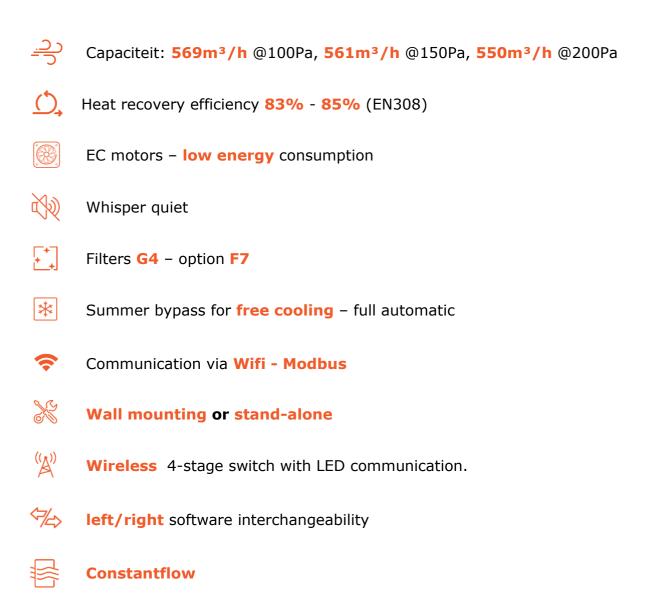
Mechanical Ventilation with Heat Recovery (MVHR)

AirSmart

ICTUS W550

The ICTUS W550 is an advanced ventilation solution designed to meet the stringent requirements of modern ventilation systems. This unit combines high performance with efficiency and durability, making it an ideal choice for both single houses and apartment complexes. The ease of installation through the unique hang-and-go system combined with competitive pricing ensures increased profitability on site.

Key features:



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Technical data (ERP – ECODESIGN)

Туре	AirSmart ICTUS W600
Description	Ventilation unit
Туре	Heat recovery unit – double flow
Conformity EPB	D
Model	W600
Fan type	DC
Utility power	220-230 VAC
Max. power (A)	1.35
Frequency	50 Hz
Max. airflow at 100 Pa pressure	569 m³/h
Max. airflow at 150 Pa pressure	561 m³/h
Max. airflow at 200 Pa pressure	550 m³/h
Control possibilities (optional)	4 stage RF / 3 stage wired Via APP (Android & IOS) Demand control CO ₂ , RH, motion,
Type of fan control	automatic, constant flow

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Technical data				
Type of control	Central Measured locally with CO ₂ , VOC , RH (as an option)			
Filter type outside/inside	G4 (optional F7) /G4			
Notificiation for filter cleaning or renewal	Filter notification via LED indication on the unit, via APP or on RF control Filters need to be cleaned every 3			
	months and replaced once a year.			
Casing material	EPP (expanded poly propylene)			
Bypass	100% open/closed			
Bypass control	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)	335W			
Dimensions (HxWxD)	715x725x550			
Weight	18kg			



Accoustic performance dB(A) m ³						
Airflow m³/h	450 m³/h	500 m³/h	550 m³/h	600 m³/h		
Sound pressure EPP case	-	-	-	-		
Sound pressure extraction duct	-	-	-	-		
Sound pressure pulsion duct	-	-	-	-		

Energy efficiency							
Airflow m³/h	452 m³/h	502 m³/h	562 m³/h	/			
Thermal efficiency in % - EN 308	85%	84%	83%	/			
Total power at 150 Pa external 2 fans + control in W	232W	297W	340W	/			
Autonomous control	Yes						
Bypass	100% open						

Measurements		
Height	715 mm	
Width	725 mm	
Depth	550 mm	
Diameter duct connection	180 mm	