

AirWall E2 ERV

Single-room wall mounting HRV with high-efficiency HRV or ERV counter-flow recovery and app control. Cold-climate versions add integrated heaters plus mechanical supply and gravity exhaust dampers

- Power of electrical preheater: 200
- Power of electrical reheater: 200
- Sound pressure level LpA at 3 m: 27
- Sound pressure level LpA at 1 m: 36
- Heat exchanger type: Counter flow
- Heat exchanger material: Enthalpy
- Supply filter: Coarse 90% / G4

Optional: ePM1 70% / F7

- Extract filter: Coarse 90% / G4
- Enthalpy heat exchanger
- Reheater: Electric
- Preheater: Electric
- Casing material: ABS Plastic
- Humidity sensor: Built-in
- CO2 sensor: Optional

	Unit of measurement	AirWall E2 ERV				
Speed	-	1	2	3	4	5
Connected air duct size	mm	250				
Phases	-	1				
Minimum supply voltage	V	220				
Maximum supply voltage	V	230				
Rated power	W	5	10	15	24	46
Power of electrical preheater	W	200				
Power of electrical reheater	W	200				
Unit current	A	0.28				
Maximum airflow	m³/h	25	35	50	60	80
Maximum airflow (Boost mode)	m³/h	150				
Sound pressure level LpA at 3 m	dB(A)	11	13	17	21	27
Sound pressure level LpA at 1 m	dB(A)	21	23	27	31	36
Heat recovery efficiency, max	%	85				
Heat exchanger type	-	Counter flow				
Heat exchanger material	-	Enthalpy				
Weight	kg	17				
Supply filter	-	Coarse 90% / G4 Optional: ePM1 70% / F7				
Extract filter	-	Coarse 90% / G4				
Transported air temperature (max)	°C	40				

Transported air temperature (min)	°C	-20
Minimum wall thickness	mm	160
Maximum wall thickness	mm	760

Dimensions

Accessories

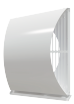
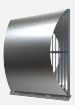
CO2 sensors

Name	Photo	Description
CD-1		CO2 sensors
CD-2		CO2 sensors
CD-3		Carbon dioxide sensor

Hoods

Name	Photo	Description
AH-S AirWall white 250		External metal wall hood for thin walls
AH-S AirWall chrome 250		External metal wall hood for thin walls
AH-S AirWall anthracite 250		External metal wall hood for thin walls

Hoods

Name	Photo	Description
AH AirWall white 250		Flat external metal wall hood
AH AirWall chrome 250		Flat external metal wall hood

AH AirWall anthracite 250		Flat external metal wall hood

Flow distributor

Name	Photo	Description
DDE AH-S AirWall		Flow distributor insert for AH-S 250 outer hood. (wall >260 mm)

Ducts

Name	Photo	Description
DE AirWall 500x238 EPP		Duct extension with airflow separation 500 mm
DEC AirWall 760		Extended mounting sleeve (air duct), 760 mm

Filters

Name	Photo	Description
FP 182x90x10 Coarse 45%/G3 PPI		Supply air filter - Coarse 45% / G3 PPI
FP 180x96x22 Coarse 65% / G4		Supply (extract) coarse filter Type U, I (with gasket / sealing strip)
FP 180x96x22 ePM10 55% / M5		Supply (extract) filter Type U, I (with gasket / sealing strip)
FP 180x96x22 ePM1 55% / F7		Supply fine filter Type U, I (with gasket / sealing strip)

Mounting kits

Name	Photo	Description
Pre-installation kit AirWall AH		Pre-installation kit for walls of standard thickness. Includes: outdoor hood AH AirWall white 250, mounting sleeve 760 mm, polystyrene plug, polystyrene wedges, mounting opening template, set of fasteners
Pre-installation kit AirWall AH-S		Pre-installation kit for thin walls. Includes: outdoor hood AH-S AirWall white 250, mounting sleeve 270 mm, polystyrene plug, polystyrene wedges, mounting opening template, set of fasteners

Completion Kit AirWall		Kit for final mounting. Includes: indoor unit AirWall, mounting opening template, set of fasteners