

# AirWall ERV BLK

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

- 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
- Enthalpy heat exchanger
- Casing material: ABS Plastic
- Humidity sensor: Built-in
- CO2 sensor: Optional

| | Unit of measurement | AirWall ERV BLK | | | | |
|---|---|---|---|---|---|---|
| Speed | - | 1 | 2 | 3 | 4 | 5 |
| Connected air duct size | mm | 250 | | | | |
| Phases | - | 1 | | | | |
| Maximum supply voltage | V | 230 | | | | |
| Minimum supply voltage | V | 220 | | | | |
| Rated power | W | 5 | 10 | 15 | 24 | 46 |
| 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 | | | | |
| Transported air temperature (max) | °C | 40 | | | | |
| Transported air temperature (min) | °C | -20 | | | | |
| Minimum wall thickness | mm | 160 | | | | |
| Maximum wall thickness | mm | 760 | | | | |

## Dimensions

## Accessories

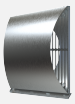
### CO2 sensors

| 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 |

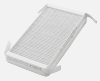
### Flow distributor

| 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 |