

# HRV (Heat Recovery Ventilator)



## Specifications

|                               | AHRV-200/4   | AHRV-300/4   | AHRV-400/4   | AHRV-500/4    | AHRV-600/4    | AHRV-800/4    | AHRV-1000/4   |
|-------------------------------|--------------|--------------|--------------|---------------|---------------|---------------|---------------|
| Volume (m3/h)                 | 200          | 300          | 400          | 500           | 600           | 800           | 1000          |
| Volume (CFM)                  | 118          | 176          | 235          | 294           | 353           | 471           | 588           |
| External static pressure (Pa) | 75           | 75           | 80           | 80            | 90            | 100           | 130           |
| Power Supply (V~,Hz,Ph)       | 220~240,50,1 | 220~240,50,1 | 220~240,50,1 | 220~240,50,1  | 220~240,50,1  | 220~240,50,1  | 220~240,50,1  |
| Power Input W                 | 65           | 130          | 200          | 220           | 242           | 410           | 510           |
| Temp. Efficiency %            | 77           | 78           | 78           | 79            | 79            | 79            | 78            |
| Enthalpy Efficiency %         | 64           | 65           | 65           | 66            | 65            | 65            | 67            |
| Temp. Efficiency %            | 78           | 78           | 79           | 79            | 79            | 79            | 78            |
| Enthalpy Efficiency %         | 69           | 70           | 70           | 71            | 70            | 70            | 71            |
| Noise Level (dB(A))           | 37           | 39           | 40           | 41            | 42            | 43            | 45            |
| Flange (mm)                   | ∅144         | ∅144         | ∅144         | ∅194          | ∅194          | ∅242          | ∅242          |
| Net Weight (kg)               | 25           | 27           | 30           | 41            | 42            | 68            | 82            |
| Gross Weight (kg)             | 48           | 51           | 60           | 72            | 84            | 110           | 125           |
| Net Dimension(WxDxH) (mm)     | 848×654×262  | 926×722×270  | 926×927×270  | 1018×1027×270 | 1018×1027×270 | 1274×1007×388 | 1274×1007×388 |
| Gross Dimension(WxDxH) (mm)   | 896×702×312  | 974×758×318  | 974×960×318  | 1062×1060×318 | 1062×1060×318 | 1345×1065×558 | 1345×1065×558 |

|                               | AHRV-1500/5   | AHRV-2000/5   | AHRV-2500/5   | AHRV-3000/5   | AHRV-4000/5    | AHRV-5000/5    |
|-------------------------------|---------------|---------------|---------------|---------------|----------------|----------------|
| Volume (m3/h)                 | 1500          | 2000          | 2500          | 3000          | 4000           | 5000           |
| Volume (CFM)                  | 882           | 1176          | 1471          | 1765          | 2353           | 2941           |
| External static pressure (Pa) | 160           | 170           | 180           | 200           | 220            | 240            |
| Power Supply (V~,Hz,Ph)       | 380~415,50,3  | 380~415,50,3  | 380~415,50,3  | 380~415,50,3  | 380~415,50,3   | 380~415,50,3   |
| Power Input W                 | 1028          | 1215          | 2063          | 2108          | 2415           | 3122           |
| Temp. Efficiency %            | 78            | 79            | 78            | 79            | 78             | 69             |
| Enthalpy Efficiency %         | 67            | 68            | 67            | 67            | 67             | 79             |
| Temp. Efficiency %            | 78            | 79            | 78            | 80            | 79             | 66             |
| Enthalpy Efficiency %         | 72            | 70            | 71            | 70            | 71             | 80             |
| Noise Level (dB(A))           | 52            | 60            | 62            | 64            | 66             | 68             |
| Flange (mm)                   | ∅242          | 320×300       | 320×300       | 500×350       | 500×690        | 500×690        |
| Net Weight (kg)               | 82            | 200           | 225           | 240           | 270            | 265            |
| Gross Weight (kg)             | 125           | 260           | 290           | 300           | 335            | 330            |
| Net Dimension(WxDxH) (mm)     | 1287×1257×388 | 1600×1265×540 | 1650×1470×540 | 1710×1480×600 | 1725×1450×1050 | 1725×1450×1050 |
| Gross Dimension(WxDxH) (mm)   | 1345×1315×558 | 1668×1331×720 | 1708×1548×720 | 1830×1590×805 | 1825×1550×1255 | 1825×1550×1255 |