

# Ecodesign Information

According to Regulation EU No 1253/2014 of the European Commission, implementing Directive 2009/125/CE

| Model   | B150-1B1(H02)        |    |         |   |        |   |
|---|----------------------|----|---------|---|--------|---|
| Specific energy consumption (SEC) [kWh/(m2.a)]                | Cold                 |    | Average |   | Warm   |   |
|   | -79.28               | A+ | -40.95  | A | -16.36 | E |
| Type of ventilation unit                                      | Bidirectional        |    |         |   |        |   |
| Type of drive installed                                       | Eight speed          |    |         |   |        |   |
| Type of heat recovery system                                  | Recuperative         |    |         |   |        |   |
| Thermal efficiency of heat recovery [%]                       | 82%                  |    |         |   |        |   |
| Maximum air flow rate [m3/h]                                  | 150                  |    |         |   |        |   |
| Power [W]   | 43.8                 |    |         |   |        |   |
| Sound power level [dBA]                                       | 37.9                 |    |         |   |        |   |
| Reference air flow rate [m3/s]                                | 0.0417               |    |         |   |        |   |
| Reference pressure difference [Pa]                            | 0                    |    |         |   |        |   |
| Specific power input (SPI) [W/(m3/h)]                         | 0.292                |    |         |   |        |   |
| Control typology  | Local demand control |    |         |   |        |   |
| Maximum internal leakage rate [%]                             | 3.5                  |    |         |   |        |   |
| Maximum external leakage rate [%]                             | 5                    |    |         |   |        |   |
| Mixing rate of bidirectional units [%]                        | 20                   |    |         |   |        |   |
| Airflow sensitivity at +20Pa and -20Pa                        | 27                   |    |         |   |        |   |
| The classification of the indoor/outdoor air tightness [m3/h] | 7                    |    |         |   |        |   |
|   |                      |    |         |   |        |   |
| The annual electricity consumption (AEC) [kWh electricity/a]  | Cold                 |    | Average |   | Warm   |   |
|   | 7.54                 |    | 2.16    |   | 1.72   |   |
| The annual heating saved (AHS) [kWh primary energy/a]         | Cold                 |    | Average |   | Warm   |   |
|   | 89.4                 |    | 45.7    |   | 20.66  |   |